

Converting Colors

YIQ(247.0100, -5.9600, -2.1200)

Have a look what the booklet for
YIQ(247.0100, -5.9600, -2.1200)
contains.

YIQ(247.0100, -5.9600, -2.1200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(247.0100, -5.9600,
-2.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FAFA
RGB	240, 250, 250
RGB Percent	94%, 98%, 98%
CMY	0.0588, 0.0196, 0.0196
CMYK	0.04, 0.00, 0.00, 0.02
HSL	180°, 50%, 96%
HSV	180°, 4%, 98%
XYZ	87.3744, 93.7998, 103.9376
YIQ	247.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

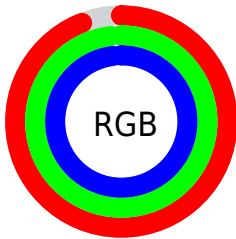
Format	Color
R_{YB}	240, 245, 250
Decimal	15792890
CIE Lab	97.55, -3.28, -1.15
CIE LCh	98, 3.473, 199.283
Yxy	93.7998, 0.3065, 0.3290
Android (android.graphics.Color)	4293982970 (0xFF0FAFA)
YUV	247.0100, 1.4741, -6.1478
Hunter-Lab	96.8503, -8.4525, 4.1665

Details

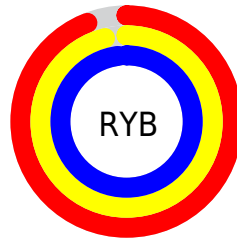
The YIQ color $247.0100, -5.9600, -2.1200$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.9900, 5.9600, 2.1200$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.0100, -5.9600, -2.1200$ is the 20% darker color. If you saturate the color by 10%, you get $239.5350, -20.8600, -7.4200$, and if you desaturate by 10%, it is $251.4950, 2.9800, 1.0600$.

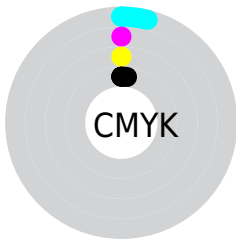
Distribution



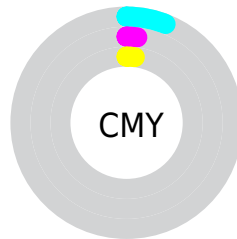
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (6%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.0100, -5.9600, -2.1200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 247.0100, -5.9600, -2.1200 by changing the saturation by 10% instead.

 247.0100, -5.9600,
-2.1200

 247.0100, -5.9600,
-2.1200

255.0000, -0.0000,
-0.0000


 218.3090, -5.3640,
-1.9080

 191.0100, -5.9600,
-2.1200

 163.3090, -5.3640,
-1.9080

 137.3090, -5.3640,
-1.9080

 112.3090, -5.3640,
-1.9080

 87.6080, -4.7680,
-1.6960

 64.6080, -4.7680,

-1.6960

■ 42.6080, -4.7680,
-1.6960

■ 21.6080, -4.7680,
-1.6960

■ 247.0100, -5.9600,
-2.1200

■ 247.0100, -5.9600,
-2.1200

■ 239.5350,
-20.8600, -7.4200

■ 251.4950, 2.9800,
1.0600

■ 232.0600,
-35.7600, -12.7200

■ 224.5850,
-50.6600, -18.0200

■ 217.1100,
-65.5600, -23.3200

■ 209.6350,
-80.4600, -28.6200

■ 202.1600,
-95.3600, -33.9200

■ 194.6850,
-110.2600, -39.2200

■ 187.2100,
-125.1600, -44.5200

■ 179.7350,
-140.0600, -49.8200

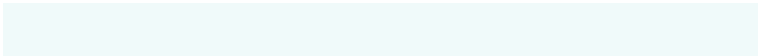
Harmonies

Analogous

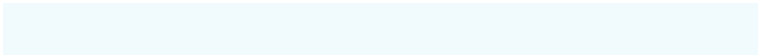
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.9670, -4.4010, -2.8410



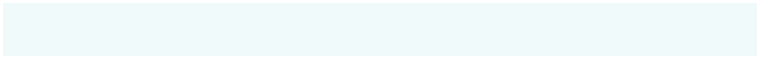
247.0100, -5.9600, -2.1200



247.6510, -6.3270, -0.9750

Triad

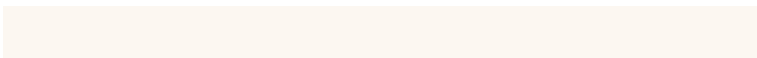
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.0100, -5.9600, -2.1200



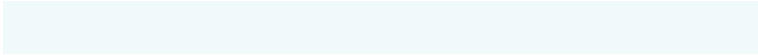
248.1790, 1.0540, 2.9260



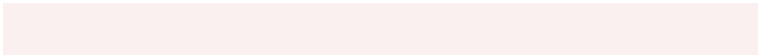
247.8110, 4.9060, -0.8060

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



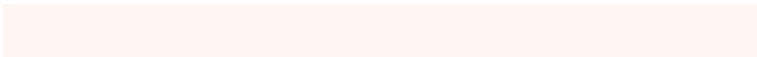
247.0100, -5.9600, -2.1200



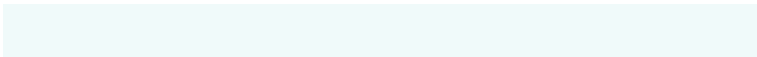
242.9900, 5.9600, 2.1200

Split Complementary

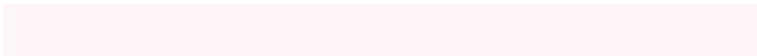
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.3490, 6.3270, 0.9750



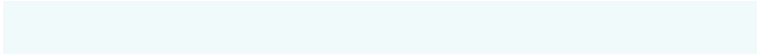
247.0100, -5.9600, -2.1200



248.7340, 3.8050, 2.6290

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.0100, -5.9600, -2.1200



247.7980, -2.2470, 2.1770



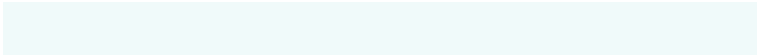
248.6910, 5.3640, 1.9080



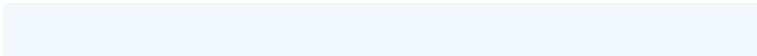
247.3160, 1.9260, -1.8660

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



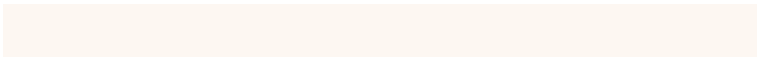
247.0100, -5.9600, -2.1200



247.4770, -5.7770, 0.0710



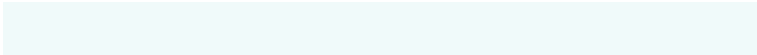
248.6910, 5.3640, 1.9080



248.2240, 5.1810, -0.2830

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



247.0100, -5.9600, -2.1200



254.1030, -1.7880, -0.6360



245.8700, -2.7500, -5.2300



127.2880, -0.8710, -0.7350



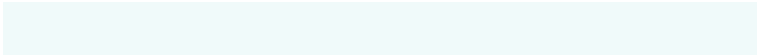
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0100, -5.9600, -2.1200



251.1130, -7.7480, -2.7560



244.0750, -4.5850, 0.4950



122.6080, -4.7680, -1.6960



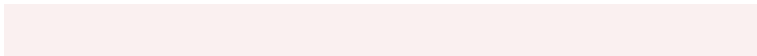
132.3750, -112.3230, -40.3790



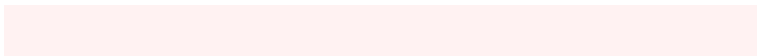
42.7610, -36.3560, -12.9320

Inverse Universe

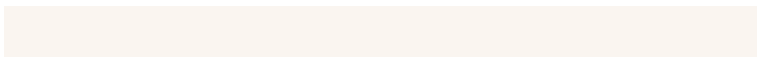
The Inverse Universe completely reimagines the original color for something new.



242.9900, 5.9600, 2.1200



245.8870, 7.7480, 2.7560



245.9250, 4.5850, -0.4950



119.3920, 4.7680, 1.6960



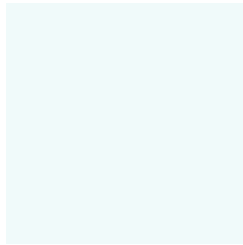
56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 247.0100, -5.9600, -2.1200 looks on a white background.

Color Contrast Check

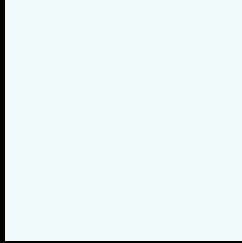
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 247.0100, -5.9600, -2.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

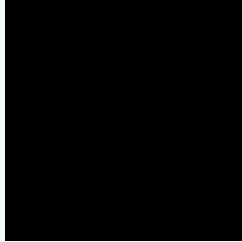
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

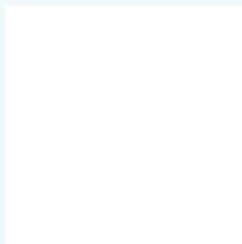
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.0100, -5.9600, -2.1200

Background



This preview shows how black text looks on a background with the YIQ color 247.0100, -5.9600, -2.1200.



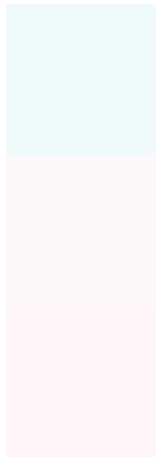
This preview shows how white text looks on a background with the YIQ color 247.0100, -5.9600, -2.1200.

-2.1100.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

247.0100, -5.9600, -2.1200

Protanopia

248.6090, 2.6590, 1.3710

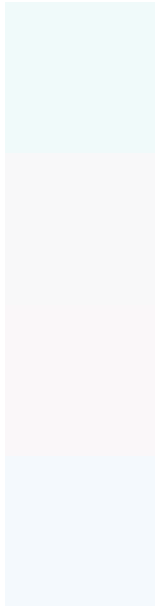
Deuteranopia

248.4460, 4.6760, 3.3640

Tritanopia

248.2000, -3.4390, 1.7530

Trichromacy



Original Color

247.0100, -5.9600, -2.1200

Protanomaly

248.1140, -0.3210, 0.3110

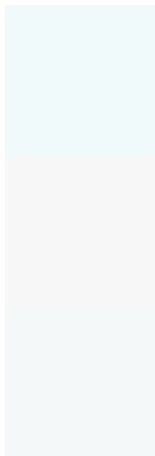
Deuteranomaly

248.1250, 1.1460, 1.2580

Tritanomaly

247.9610, -4.2640, 0.1840

Monochromacy



Original Color

247.0100, -5.9600, -2.1200

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.0100, -5.9600, -2.1200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 250) }
```

Border

The CSS property to change the border of an element to YIQ 247.0100, -5.9600, -2.1200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 250, 250) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 250, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 250, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 247.0100, -5.9600, -2.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
250, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor