

Converting Colors

YIQ(236.1310, 18.2040,
-10.5320)

Have a look what the booklet for
YIQ(236.1310, 18.2040, -10.5320)
contains.

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Color

**YIQ(236.1310, 18.2040,
-10.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEC6
RGB	247, 238, 198
RGB Percent	97%, 93%, 78%
CMY	0.0314, 0.0667, 0.2234
CMYK	0.00, 0.04, 0.20, 0.03
HSL	49°, 75%, 87%
HSV	49°, 20%, 97%
XYZ	79.1269, 84.9992, 65.6781
YIQ	236.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

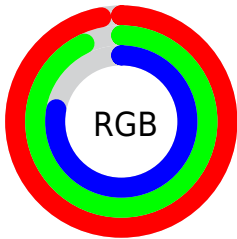
Format	Color
R _Y B	209, 247, 198
Decimal	16248518
CIE Lab	93.88, -3.27, 20.47
CIE LCh	94, 20.727, 99.080
Yxy	84.9992, 0.3443, 0.3699
Android (android.graphics.Color)	4294438598 (0xFFF7EEC6)
YUV	236.1310, -18.7986, 9.5321
Hunter-Lab	92.1950, -8.1426, 22.2994

Details

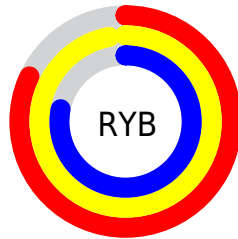
The YIQ color $236.1310, 18.2040, -10.5320$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $208.8690, -18.2040, 10.5320$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0600, 16.9660, -10.1220$ is the 20% darker color. If you saturate the color by 10%, you get $230.3460, 27.6040, -15.6920$, and if you desaturate by 10%, it is $241.9160, 8.8040, -5.3720$.

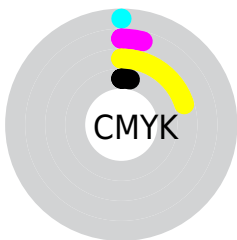
Distribution



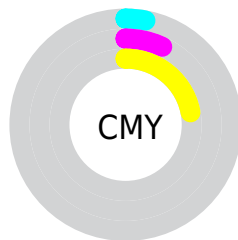
- Red (97%)
- Green (93%)
- Blue (78%)



- Red (82%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.1310, 18.2040, -10.5320 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 236.1310, 18.2040, -10.5320 by changing the saturation by 10% instead.

■ 236.1310, 18.2040,
-10.5320

■ 236.1310, 18.2040,
-10.5320

255.0000, -0.0000,
-0.0000

■ 207.9460, 17.2870,
-10.4330

■ 180.0600, 16.9660,
-10.1220

■ 153.1740, 16.6450,
-9.8110

■ 126.9890, 15.7280,
-9.7120

■ 102.2170, 15.0860,
-9.0900

■ 78.0320, 14.1690,
-8.9910

■ 54.8470, 13.2520,

-8.8920

■ 33.0920, 13.9400,
-10.3480

■ 12.6920, 3.6230,
-5.0890

■ 236.1310, 18.2040,
-10.5320

■ 236.1310, 18.2040,
-10.5320

■ 230.3460, 27.6040,
-15.6920

■ 241.9160, 8.8040,
-5.3720

■ 225.2620, 36.4080,
-21.0640

■ 247.0000, -0.0000,
-0.0000

■ 219.4770, 45.8080,
-26.2240

■ 250.8470, -3.9430,
-0.1270

■ 214.2790, 54.9330,
-31.9070

■ 252.6080, -4.7680,
-1.6960

■ 208.6080, 64.0120,
-36.7560

■ 203.4100, 73.1370,
-42.4390

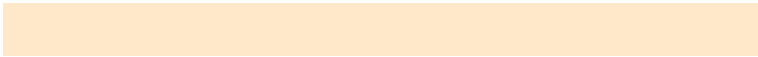
■ 197.6250, 82.5370,
-47.5990

■ 192.4270, 91.6620,
-53.2820

Harmonies

Analogous

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



234.7560, 23.9340, -4.2420



236.1310, 18.2040, -10.5320



233.6880, 0.2780, -16.0580

Triad

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



236.1310, 18.2040, -10.5320



230.2600, -39.1990, -10.9670



237.0480, 9.2130, 14.7570

Complementary

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



236.1310, 18.2040, -10.5320



208.8690, -18.2040, 10.5320

Split Complementary

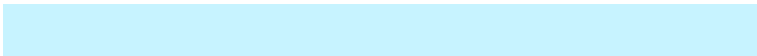
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5310, 3.2990, 11.8030



236.1310, 18.2040, -10.5320



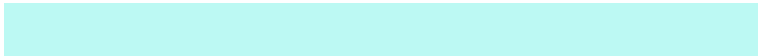
231.2120, -30.0760, -5.5960

Square

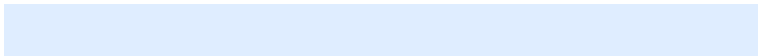
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.1310, 18.2040, -10.5320



230.0770, -34.4300, -14.7980



234.8660, -14.1220, 2.6300



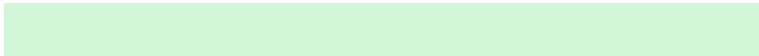
234.1810, 15.9080, 9.0600

Rectangle

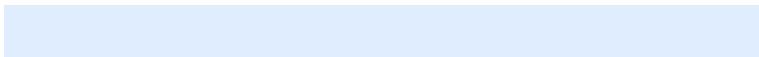
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.1310, 18.2040, -10.5320



232.1040, -12.6970, -17.6970



234.8660, -14.1220, 2.6300



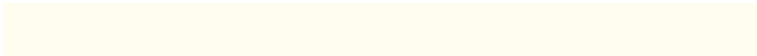
238.5640, 7.7000, 14.6440

Sweetspot

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



236.1310, 18.2040, -10.5320



251.5290, 5.6400, -3.0960



213.7910, 25.9940, 13.4980



125.8000, 3.4390, -1.7530



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.



236.1310, 18.2040, -10.5320



241.5890, 22.6060, -13.2180



236.9290, 6.7890, -18.4190



119.4580, 4.4020, -2.6860



144.8380, 69.0560, -40.0640



45.8170, 21.9640, -12.5960

Inverse Universe

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



208.8690, -18.2040, 10.5320



207.4110, -22.6060, 13.2180



208.0710, -6.7890, 18.4190



112.5420, -4.4020, 2.6860



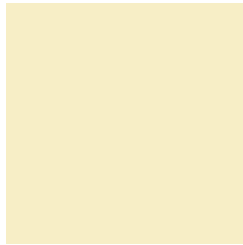
41.1620, -69.0560, 40.0640



13.1830, -21.9640, 12.5960

Previews

White Background



This preview shows how the YIQ color 236.1310, 18.2040, -10.5320 looks on a white background.

Color Contrast Check

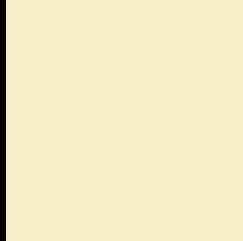
Large Text (above 18pt) WCAG AA × Fail

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 236.1310, 18.2040, -10.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

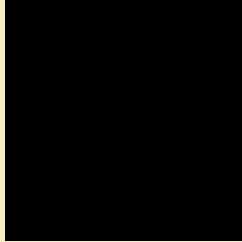
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.1310, 18.2040, -10.5320

Background



This preview shows how black text looks on a background with the YIQ color 236.1310, 18.2040, -10.5320.



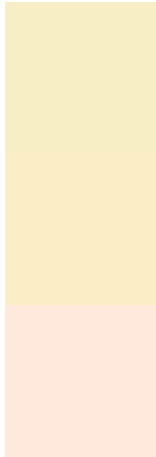
This preview shows how white text looks on a background with the YIQ color 236.1310, 18.2040,

-10.5320.

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

236.1310, 18.2040, -10.5320

Protanopia

236.6260, 21.1840, -9.4720

Deuteranopia

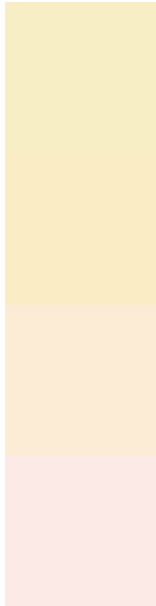
238.2100, 16.9640, 0.9320



Tritanopia

239.9290, 7.9300, 10.4740

Trichromacy



Original Color

236.1310, 18.2040, -10.5320

Protanomaly

236.3270, 20.5880, -9.6840

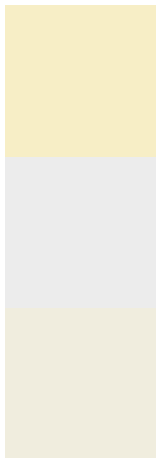
Deuteranomaly

237.5750, 17.1940, -3.2380

Tritanomaly

238.6270, 11.4160, 2.3600

Monochromacy



Original Color

236.1310, 18.2040, -10.5320

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.1870, 6.6030, -4.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1310, 18.2040, -10.5320 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(247, 238, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 198)  
}
```

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(247, 238, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 198) }
```

Border

The CSS property to change the border of an element to YIQ 236.1310, 18.2040, -10.5320 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(247, 238, 198) }
```


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

```
.border{ border-color:rgb(247, 238, 198) }
```

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

Here you see how a box with a 4 pixel rgb(247, 238, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1310, 18.2040, -10.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 198) }
```

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

```
.background{ background-color: rgb(247,  
238, 198) }
```

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](#).

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