

Converting Colors

YIQ(239.5200, -7.3360, 0.7920)

Have a look what the booklet for
YIQ(239.5200, -7.3360, 0.7920)
contains.

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Color

**YIQ(239.5200, -7.3360,
0.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F1F9
RGB	233, 241, 249
RGB Percent	91%, 95%, 98%
CMY	0.0863, 0.0549, 0.0236
CMYK	0.06, 0.03, 0.00, 0.02
HSL	210°, 57%, 95%
HSV	210°, 6%, 98%
XYZ	82.1569, 87.0746, 102.0921
YIQ	239.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

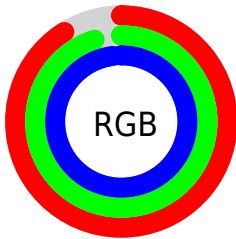
Format	Color
R _{YB}	233, 238, 249
Decimal	15331833
CIE _{Lab}	94.77, -1.17, -4.77
CIE _{LCh}	95, 4.910, 256.262
Y _{xy}	87.0746, 0.3028, 0.3209
Android (android.graphics.Color)	4293521913 (0xFFE9F1F9)
Y _{UV}	239.5200, 4.6736, -5.7180
Hunter-Lab	93.3138, -6.1412, 0.4520

Details

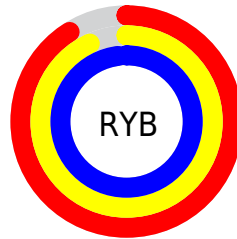
The YIQ color $239.5200, -7.3360, 0.7920$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.4800, 7.3360, -0.7920$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.5200, -7.3360, 0.7920$ is the 20% darker color. If you saturate the color by 10%, you get $225.0010, -18.9360, 1.7680$, and if you desaturate by 10%, it is $253.1420, 2.4760, -0.8200$.

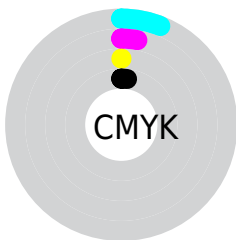
Distribution



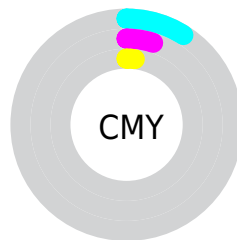
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.5200, -7.3360, 0.7920 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 239.5200, -7.3360, 0.7920 by changing the saturation by 10% instead.

■ 239.5200, -7.3360,
0.7920

■ 239.5200, -7.3360,
0.7920

255.0000, -0.0000,
-0.0000

■ 211.4060, -7.0150,
0.4810

■ 183.5200, -7.3360,
0.7920

■ 156.7050, -6.4190,
0.6930

■ 130.7050, -6.4190,
0.6930

■ 105.7050, -6.4190,
0.6930

■ 81.5910, -6.0980,
0.3820

■ 58.5910, -6.0980,

0.3820

■ 36.8900, -5.5020,
0.5940

■ 15.2920, -6.6940,
0.1700

■ 239.5200, -7.3360,
0.7920

■ 239.5200, -7.3360,
0.7920

■ 225.0010,
-18.9360, 1.7680

■ 253.1420, 2.4760,
-0.8200

■ 209.8950,
-30.2610, 3.2670

■ 254.3160, 1.9260,
-1.8660

■ 195.3760,
-41.8610, 4.2430

■ 180.2700,
-53.1860, 5.7420

■ 166.0500,
-64.1900, 6.9300

■ 150.9440,
-75.5150, 8.4290

■ 136.4250,
-87.1150, 9.4050

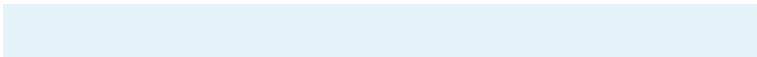
■ 121.9060,
-98.7150, 10.3810

■ 106.8000,
-110.0400, 11.8800

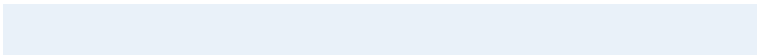
Harmonies

Analogous

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



238.6830, -9.3530, -1.2010



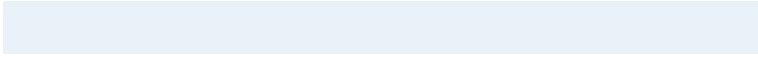
239.5200, -7.3360, 0.7920



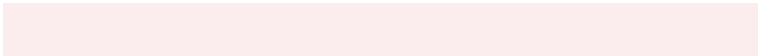
239.8410, -3.8060, 2.8980

Triad

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



239.5200, -7.3360, 0.7920



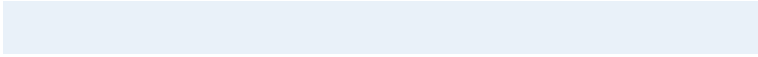
241.1860, 8.3440, 2.9680



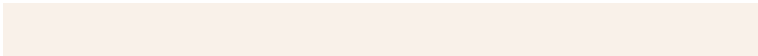
239.1800, -0.6870, -4.0710

Complementary

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



239.5200, -7.3360, 0.7920



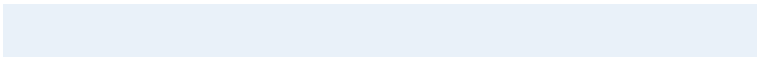
242.4800, 7.3360, -0.7920

Split Complementary

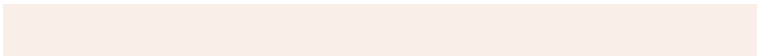
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.2730, 3.4850, -2.5870



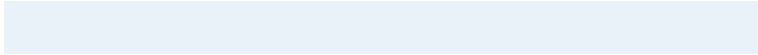
239.5200, -7.3360, 0.7920



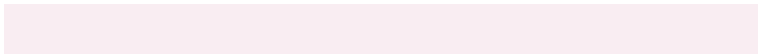
241.0180, 8.7570, 0.9890

Square

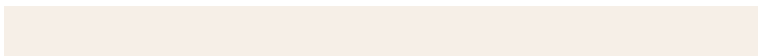
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



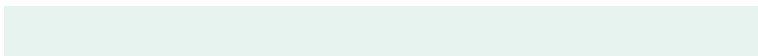
239.5200, -7.3360, 0.7920



241.1580, 5.5470, 4.0990



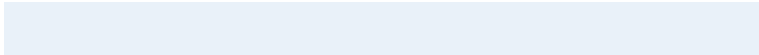
240.1810, 6.7400, -1.0040



238.8420, -5.5470, -4.0990

Rectangle

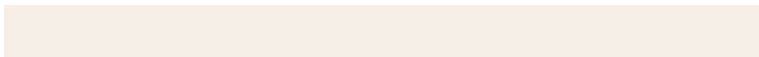
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.5200, -7.3360, 0.7920



240.3360, -0.8260, 3.9580



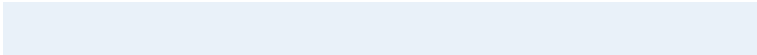
240.1810, 6.7400, -1.0040



238.7780, 0.5050, -3.6470

Sweetspot

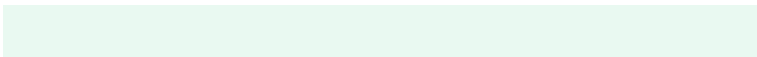
The Sweet Spot groups the original color and five complimentary colors.



239.5200, -7.3360, 0.7920



251.7440, -2.1550, 0.5090



243.3040, -6.9680, -5.8800



125.9290, -1.2380, 0.4100



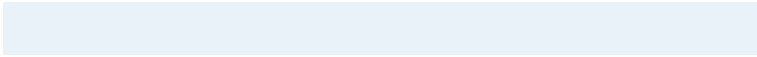
0.0000, 0.0000, 0.0000



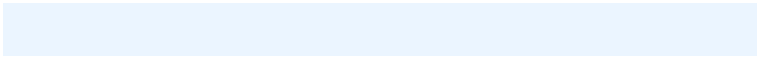
128.0000, -0.0000, -0.0000

Same Dimension

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



239.5200, -7.3360, 0.7920



243.1500, -9.1700, 0.9900



234.8240, -5.1360, 4.9760



117.5910, -6.0980, 0.3820



77.3110, -86.7940, 9.0940



25.1510, -28.1060, 2.7580

Inverse Universe

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



238.6960, 6.9680, 5.8800



242.1200, 8.7100, 7.3500



247.1760, 5.1360, -4.9760



116.6850, 5.5010, 4.9330



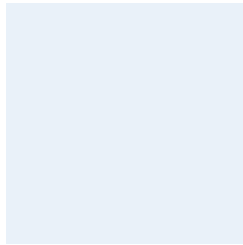
67.3410, 82.1490, 69.6130



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 239.5200, -7.3360, 0.7920 looks on a white background.

Color Contrast Check

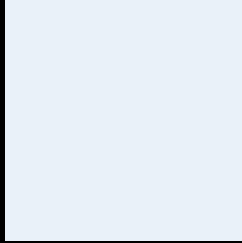
Large Text (above 18pt) WCAG AA × Fail

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 239.5200, -7.3360, 0.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

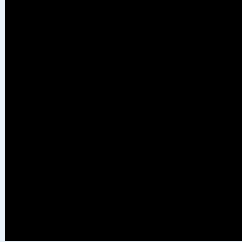
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

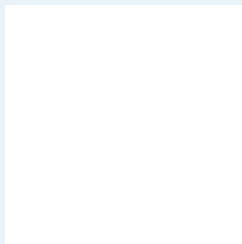
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.5200, -7.3360, 0.7920

Background



This preview shows how black text looks on a background with the YIQ color 239.5200, -7.3360, 0.7920.



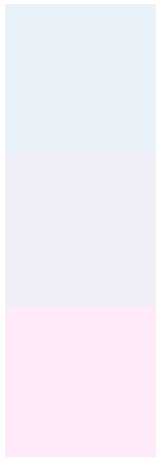
This preview shows how white text looks on a background with the YIQ color 239.5200, -7.3360,

0.7920.

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

239.5200, -7.3360, 0.7920

Protanopia

240.2220, -0.5050, 3.6470

Deuteranopia

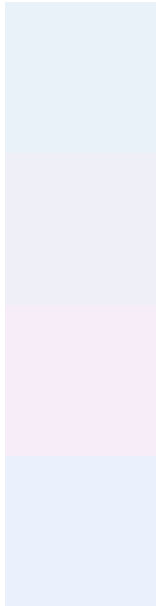
241.9890, 7.7010, 9.1170



Tritanopia

240.5140, -7.1990, 3.8170

Trichromacy



Original Color

239.5200, -7.3360, 0.7920

Protanomaly

240.0260, -2.8890, 2.7990

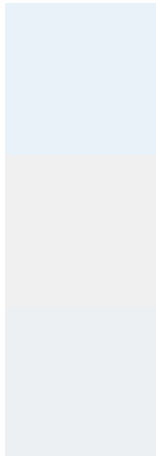
Deuteranomaly

241.3580, 2.1080, 5.8520

Tritanomaly

239.9870, -7.1530, 2.9830

Monochromacy



Original Color

239.5200, -7.3360, 0.7920

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.4450, -2.7510, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.5200, -7.3360, 0.7920 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(233, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 249)  
}
```

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(233, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 249) }
```

Border

The CSS property to change the border of an element to YIQ 239.5200, -7.3360, 0.7920 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(233, 241, 249) }
```


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

```
.border{ border-color:rgb(233, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 239.5200, -7.3360, 0.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 249) }
```

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

```
.background{ background-color: rgb(233,  
241, 249) }
```

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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