

Converting Colors

YIQ(235.1660, -6.0990, 5.9090)

Have a look what the booklet for
YIQ(235.1660, -6.0990, 5.9090)
contains.

YIQ(235.1660, -6.0990, 5.9090)	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(235.1660, -6.0990,
5.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E9FC
RGB	233, 233, 252
RGB Percent	91%, 91%, 99%
CMY	0.0863, 0.0863, 0.0118
CMYK	0.08, 0.08, 0.00, 0.01
HSL	240°, 76%, 95%
HSV	240°, 8%, 99%
XYZ	80.3133, 82.6296, 103.8034
YIQ	235.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

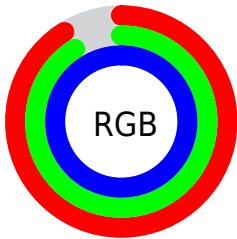
Format	Color
R_{YB}	233, 233, 252
Decimal	15329788
CIE Lab	92.85, 3.51, -9.16
CIE LCh	93, 9.814, 290.962
Yxy	82.6296, 0.3011, 0.3098
Android (android.graphics.Color)	4293519868 (0xFFE9E9FC)
YUV	235.1660, 8.2992, -1.8996
Hunter-Lab	90.9009, -1.3670, -4.0751

Details

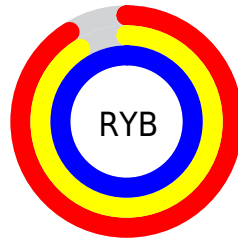
The YIQ color $235.1660, -6.0990, 5.9090$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.8340, 6.0990, -5.9090$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.0520, -5.7780, 5.5980$ is the 20% darker color. If you saturate the color by 10%, you get $213.0160, -14.1240, 13.6840$, and if you desaturate by 10%, it is $254.6580, 0.9630, -0.9330$.

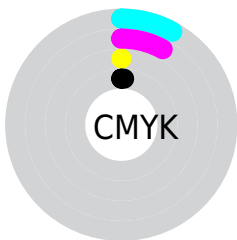
Distribution



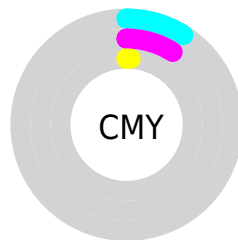
- Red (91%)
- Green (91%)
- Blue (99%)



- Red (91%)
- Yellow (91%)
- Blue (99%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.1660, -6.0990, 5.9090 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 235.1660, -6.0990, 5.9090 by changing the saturation by 10% instead.

■ 235.1660, -6.0990,
5.9090

■ 235.1660, -6.0990,
5.9090

255.0000, -0.0000,
-0.0000

■ 207.0520, -5.7780,
5.5980

■ 179.0520, -5.7780,
5.5980

■ 152.9380, -5.4570,
5.2870

■ 126.9380, -5.4570,
5.2870

■ 101.8240, -5.1360,
4.9760

■ 77.8240, -5.1360,
4.9760

■ 54.7100, -4.8150,

4.6650

■ 33.2970, -5.0900,
4.1420

■ 10.8240, -5.1360,
4.9760

■ 235.1660, -6.0990,
5.9090

■ 235.1660, -6.0990,
5.9090

■ 213.0160,
-14.1240, 13.6840

254.6580, 0.9630,
-0.9330

■ 190.8660,
-22.1490, 21.4590

■ 167.8300,
-30.4950, 29.5450

■ 145.6800,
-38.5200, 37.3200

■ 123.5300,
-46.5450, 45.0950

■ 101.3800,
-54.5700, 52.8700

■ 79.2300, -62.5950,
60.6450

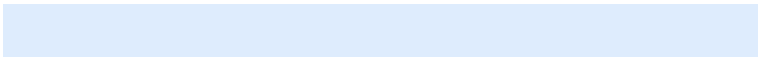
■ 56.1940, -70.9410,
68.7310

■ 34.0440, -78.9660,
76.5060

Harmonies

Analogous

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



233.7520, -13.8010, 2.3190



235.1660, -6.0990, 5.9090



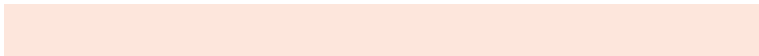
236.0100, 3.2080, 7.9440

Triad

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



235.1660, -6.0990, 5.9090



235.7370, 16.9180, 1.7660



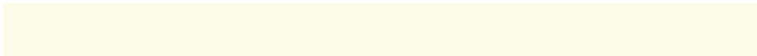
231.4990, -12.0110, -8.0990

Complementary

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



235.1660, -6.0990, 5.9090



249.8340, 6.0990, -5.9090

Split Complementary

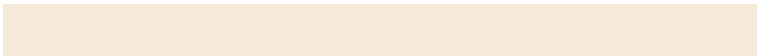
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.5770, -3.4830, -8.4670



235.1660, -6.0990, 5.9090



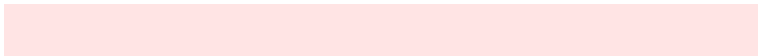
234.9490, 13.2050, -2.5310

Square

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



235.1660, -6.0990, 5.9090



236.0730, 16.0920, 5.7240



233.5350, 5.5030, -6.1210



231.4430, -17.6050, -5.8370

Rectangle

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



235.1660, -6.0990, 5.9090



236.6470, 8.6640, 8.1840



233.5350, 5.5030, -6.1210



232.0540, -9.2600, -8.3960

Sweetspot

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



235.1660, -6.0990, 5.9090



250.5700, -1.6050, 1.5550



246.3190, -11.3240, -4.0280



125.3420, -0.9630, 0.9330



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.



235.1660, -6.0990, 5.9090



234.6220, -7.3830, 7.1530



237.8570, -0.7350, 7.8170



113.4820, -4.1730, 4.0430



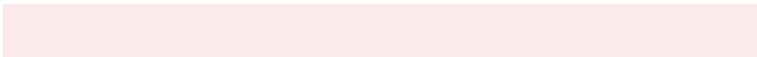
21.5460, -60.6690, 58.7790



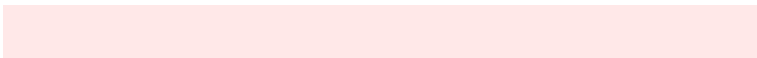
6.9540, -19.5810, 18.9710

Inverse Universe

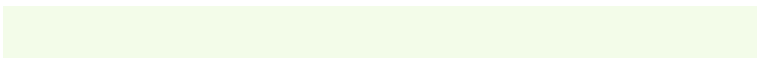
The Inverse Universe completely reimagines the original color for something new.



238.6810, 11.3240, 4.0280



238.8770, 13.7080, 4.8760



247.1430, 0.7350, -7.8170



115.8870, 7.7480, 2.7560



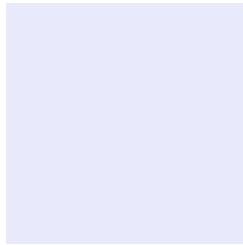
56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 235.1660, -6.0990, 5.9090 looks on a white background.

Color Contrast Check

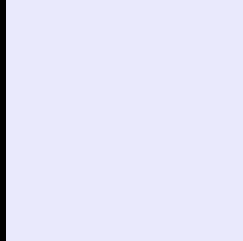
Large Text (above 18pt) WCAG AA × Fail

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 235.1660, -6.0990, 5.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

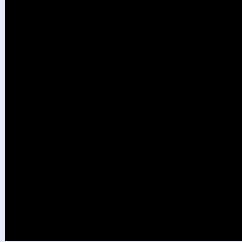
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.1660, -6.0990, 5.9090

Background



This preview shows how black text looks on a background with the YIQ color 235.1660, -6.0990, 5.9090.



This preview shows how white text looks on a background with the YIQ color 235.1660, -6.0990,

5.9090.

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

235.1660, -6.0990, 5.9090

Protanopia

235.1660, -6.0990, 5.9090

Deuteranopia

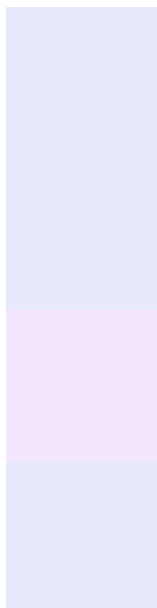
237.1290, 4.4910, 12.2270



Tritanopia

235.1660, -6.0990, 5.9090

Trichromacy



Original Color

235.1660, -6.0990, 5.9090

Protanomaly

235.1660, -6.0990, 5.9090

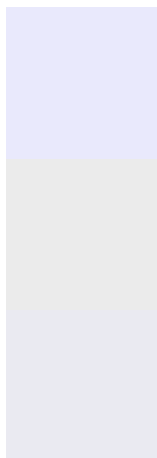
Deuteranomaly

236.5090, 0.3650, 9.9090

Tritanomaly

235.1660, -6.0990, 5.9090

Monochromacy



Original Color

235.1660, -6.0990, 5.9090

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.7980, -2.2470, 2.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.1660, -6.0990, 5.9090 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, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 252)  
}
```

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, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 252) }
```

Border

The CSS property to change the border of an element to YIQ 235.1660, -6.0990, 5.9090 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, 233, 252) }
```


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

```
.border{ border-color:rgb(233, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(233, 233,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 235.1660, -6.0990, 5.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 252) }
```

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

```
.background{ background-color: rgb(233,  
233, 252) }
```

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