

Converting Colors

YIQ(138.8090, -35.1700,
20.6540)

Have a look what the booklet for
YIQ(138.8090, -35.1700, 20.6540)
contains.

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Color

**YIQ(138.8090, -35.1700,
20.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	7687D5
RGB	118, 135, 213
RGB Percent	46%, 53%, 84%
CMY	0.5372, 0.4706, 0.1649
CMYK	0.45, 0.37, 0.00, 0.16
HSL	229°, 53%, 65%
HSV	229°, 45%, 84%
XYZ	28.1403, 25.9832, 66.4490
YIQ	138.8090, -35.1700, 20.6540

Conversions

Conversions Part 2

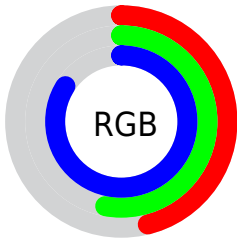
Format	Color
R _Y B	118, 132, 213
Decimal	7768021
CIE Lab	58.02, 14.19, -42.02
CIE LCh	58, 44.353, 288.660
Yxy	25.9832, 0.2334, 0.2155
Android (android.graphics.Color)	4285958101 (0xFF7687D5)
YUV	138.8090, 36.5762, -18.2495
Hunter-Lab	50.9737, 9.3377, -41.6084

Details

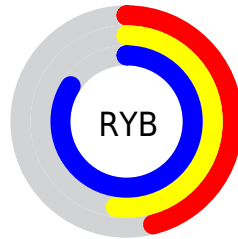
The YIQ color **138.8090, -35.1700, 20.6540** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **192.1910, 35.1700, -20.6540**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.4520, -29.8510, 17.8690**, and **87.0320, -37.4160, 17.3040** is the 20% darker color. If you saturate the color by 10%, you get **122.5510, -43.0110, 25.0930**, and if you desaturate by 10%, it is **155.0670, -27.3290, 16.2150**.

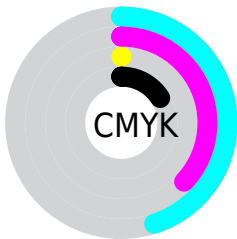
Distribution



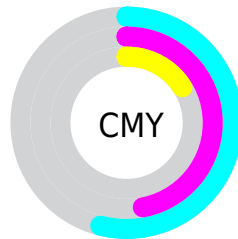
- Red (46%)
- Green (53%)
- Blue (84%)



- Red (46%)
- Yellow (52%)
- Blue (84%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.8090, -35.1700, 20.6540 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 138.8090, -35.1700, 20.6540 by changing the saturation by 10% instead.

■ 138.8090,
-35.1700, 20.6540

■ 138.8090,
-35.1700, 20.6540

■ 255.0000, -0.0000,
-0.0000

■ 112.5700,
-35.9950, 19.0850

■ 191.4520,
-29.8510, 17.8690

■ 87.0320, -37.4160,
17.3040

■ 216.5590,
-20.2670, 9.3730

■ 61.1840, -40.9000,
14.3640

■ 241.6660,
-10.6830, 0.8770

■ 36.1510, -45.3010,
11.5230

■ 22.1480, -32.0510,
13.6850

■ 7.1990, -18.8930,
17.5150

■ 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 138.8090,
-35.1700, 20.6540

■ 138.8090,
-35.1700, 20.6540

■ 122.5510,
-43.0110, 25.0930

■ 155.0670,
-27.3290, 16.2150

■ 105.4070,
-51.1730, 29.8430

■ 172.2110,
-19.1670, 11.4650

■ 89.1490, -59.0140,
34.2820

■ 188.4690,
-11.3260, 7.0260

■ 72.3040, -66.5800,
39.2440

■ 205.3140, -3.7600,
2.0640

■ 56.0460, -74.4210,
43.6830

■ 221.5720, 4.0810,
-2.3750

■ 46.5880, -78.8230,
46.3690

■ 238.7160, 12.2430,
-7.1250

■ 250.2120, 13.4820,
-13.0620

Harmonies

Analogous

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



111.3860, -109.7150, -10.5390



138.8090, -35.1700, 20.6540



143.9410, 8.7970, 33.3170

Triad

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



138.8090, -35.1700, 20.6540



138.8270, 60.7030, 6.7110



108.8610, -78.7610, -42.8970

Complementary

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



138.8090, -35.1700, 20.6540



192.1910, 35.1700, -20.6540

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.



128.3080, -13.9320, -33.8680



138.8090, -35.1700, 20.6540



136.8770, 48.0980, -12.6540

Square

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



138.8090, -35.1700, 20.6540



140.1220, 59.0950, 24.8470



133.8580, 22.7460, -26.7740



111.9150, -96.0480, -32.4640

Rectangle

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



138.8090, -35.1700, 20.6540



143.0270, 32.0420, 36.0580



133.8580, 22.7460, -26.7740



120.2470, -47.4930, -36.8770

Sweetspot

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



138.8090, -35.1700, 20.6540



229.2840, -12.2430, 7.1250



182.6570, -51.1630, -25.4270



111.7420, -7.8410, 4.4390



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.



138.8090, -35.1700, 20.6540



147.4070, -51.1730, 29.8430



137.8000, -12.6150, 35.9050



98.4280, -4.0810, 2.3750



37.6910, -63.4160, 36.9680



9.5980, -16.0030, 9.1890

Inverse Universe

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



148.3430, 51.1630, 25.4270



161.1120, 74.2230, 37.0310



193.2000, 12.6150, -35.9050



99.5170, 5.9140, 2.9540



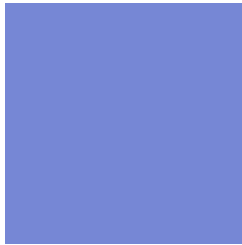
54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 138.8090, -35.1700, 20.6540 looks on a white background.

Color Contrast Check

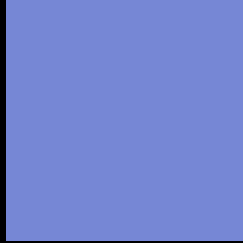
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8090, -35.1700, 20.6540 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 × Fail

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

YIQ 138.8090, -35.1700, 20.6540

Background



This preview shows how black text looks on a background with the YIQ color 138.8090, -35.1700, 20.6540.

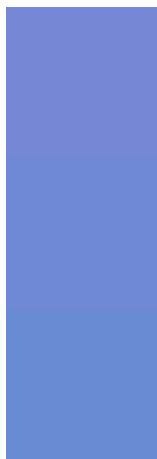


This preview shows how white text looks on a background with the YIQ color 138.8090, -35.1700,

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

138.8090, -35.1700, 20.6540

Protanopia

138.0040, -40.2130, 18.4350

Deuteranopia

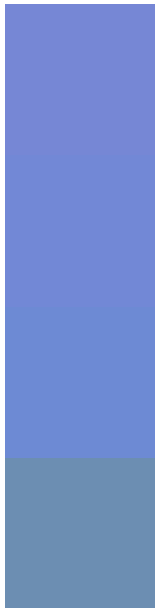
136.8570, -44.2930, 15.2830



Tritanopia

134.5110, -29.4800, -5.3840

Trichromacy



Original Color

138.8090, -35.1700, 20.6540

Protanomaly

138.3140, -38.1500, 19.5940

Deuteranomaly

137.7650, -41.0380, 16.8660

Tritanomaly

135.9380, -31.8200, 3.9880

Monochromacy



Original Color

138.8090, -35.1700, 20.6540

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0990, -13.1600, 7.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8090, -35.1700, 20.6540 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(118, 135, 213)` looks like.

```
.text, #text, p{  
    color:rgb(118, 135, 213)  
}
```

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(118, 135, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 135, 213) }
```

Border

The CSS property to change the border of an element to YIQ 138.8090, -35.1700, 20.6540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

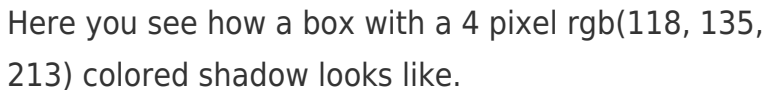
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 135, 213) }
```


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

```
.border{ border-color:rgb(118, 135, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 135, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 135, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 135, 213); box-shadow:4px 4px 4px 4px rgb(118, 135, 213) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8090, -35.1700, 20.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 135, 213) }
```

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

```
.background{ background-color: rgb(118,  
135, 213) }
```

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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