

Converting Colors

YIQ(136.8250, -41.2670,
15.5090)

Have a look what the booklet for
YIQ(136.8250, -41.2670, 15.5090)
contains.

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Color

**YIQ(136.8250, -41.2670,
15.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8AD1
RGB	107, 138, 209
RGB Percent	42%, 54%, 82%
CMY	0.5804, 0.4588, 0.1806
CMYK	0.49, 0.34, 0.00, 0.18
HSL	222°, 53%, 62%
HSV	222°, 49%, 82%
XYZ	26.6546, 25.9068, 63.8811
YIQ	136.8250, -41.2670, 15.5090

Conversions

Conversions Part 2

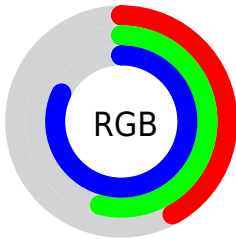
Format	Color
R_{YB}	107, 131, 209
Decimal	7047889
CIE Lab	57.95, 8.53, -39.93
CIE LCh	58, 40.834, 282.062
Yxy	25.9068, 0.2289, 0.2225
Android (android.graphics.Color)	4285237969 (0xFF6B8AD1)
YUV	136.8250, 35.5823, -26.1565
Hunter-Lab	50.8987, 4.4040, -38.7836

Details

The YIQ color **136.8250, -41.2670, 15.5090** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **179.1750, 41.2670, -15.5090**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9240, -37.2320, 13.9680**, and **83.8630, -44.4300, 12.2580** is the 20% darker color. If you saturate the color by 10%, you get **121.7410, -49.6580, 18.9020**, and if you desaturate by 10%, it is **151.9090, -32.8760, 12.1160**.

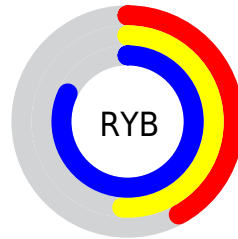
Distribution



Red (42%)

Green (54%)

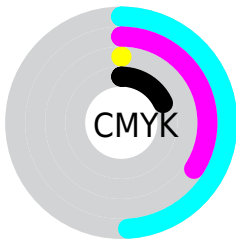
Blue (82%)



Red (42%)

Yellow (51%)

Blue (82%)

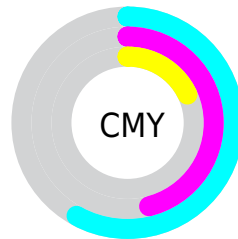


Cyan (49%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (46%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8250, -41.2670, 15.5090 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 136.8250, -41.2670, 15.5090 by changing the saturation by 10% instead.

■ 136.8250,
-41.2670, 15.5090

■ 136.8250,
-41.2670, 15.5090

■ 255.0000, -0.0000,
-0.0000

■ 110.5860,
-42.0920, 13.9400

■ 189.9240,
-37.2320, 13.9680

■ 84.4500, -44.7050,
11.7350

■ 215.0310,
-27.6480, 5.4720

■ 55.1390, -54.1950,
7.5090

■ 240.1380,
-18.0640, -3.0240

■ 37.4560, -44.8420,
8.7100

■ 253.5050, -2.9800,
-1.0600

■ 22.9800, -31.6380,
11.7060

■ 9.2050, -19.0300,
14.4900

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 136.8250,
-41.2670, 15.5090

■ 136.8250,
-41.2670, 15.5090

■ 121.7410,
-49.6580, 18.9020

■ 151.9090,
-32.8760, 12.1160

■ 107.2440,
-58.3240, 21.7720

■ 166.4060,
-24.2100, 9.2460

■ 92.1600, -66.7150,
25.1650

■ 181.4900,
-15.8190, 5.8530

■ 77.6630, -75.3810,
28.0350

■ 195.9870, -7.1530,
2.9830

■ 62.8780, -83.1760,
31.6400

■ 210.7720, 0.6420,
-0.6220

■ 61.3940, -84.6890,
31.5270

■ 225.2690, 9.3080,
-3.4920

■ 240.3530, 17.6990,
-6.8850

■ 249.1690, 15.0410,
-13.7830

■ 249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



111.0610, -107.4220, -13.5500



136.8250, -41.2670, 15.5090



142.8150, 0.2240, 28.9920

Triad

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



136.8250, -41.2670, 15.5090



139.3800, 57.7680, 10.3440



121.5400, -46.7600, -33.6400

Complementary

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



136.8250, -41.2670, 15.5090



179.1750, 41.2670, -15.5090

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.



130.5050, -4.1210, -29.9530



136.8250, -41.2670, 15.5090



137.9250, 48.1430, -7.9610

Square

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



136.8250, -41.2670, 15.5090



140.8270, 52.6760, 25.5400



134.9450, 27.0550, -22.2650



110.1880, -92.5630, -35.0510

Rectangle

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



136.8250, -41.2670, 15.5090



143.4280, 23.4230, 32.5670



134.9450, 27.0550, -22.2650



125.5650, -30.7130, -32.6090

Sweetspot

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



136.8250, -41.2670, 15.5090



227.7890, -15.2230, 6.0650



174.8540, -50.5200, -31.5760



111.7310, -9.3080, 3.4920



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.



136.8250, -41.2670, 15.5090



148.5150, -60.5250, 23.1150



124.3090, -21.4180, 35.7500



97.0150, -4.3560, 1.8520



49.0890, -67.9530, 25.5750



11.7180, -16.4610, 6.4750

Inverse Universe

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



141.0320, 50.8410, 31.2650



154.9800, 74.9550, 45.7950



191.6910, 21.4180, -35.7500



97.6310, 5.5930, 3.2650



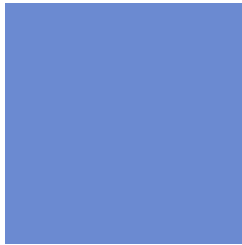
56.0460, 83.7570, 51.4770



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 136.8250, -41.2670, 15.5090 looks on a white background.

Color Contrast Check

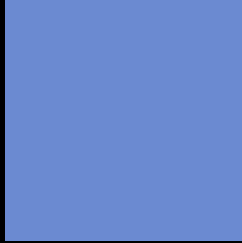
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8250, -41.2670, 15.5090 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 136.8250, -41.2670, 15.5090

Background



This preview shows how black text looks on a background with the YIQ color 136.8250, -41.2670, 15.5090.

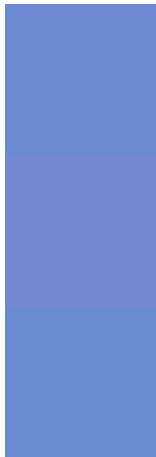


This preview shows how white text looks on a background with the YIQ color 136.8250, -41.2670,

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

136.8250, -41.2670, 15.5090

Protanopia

137.6300, -36.2240, 17.7280

Deuteranopia

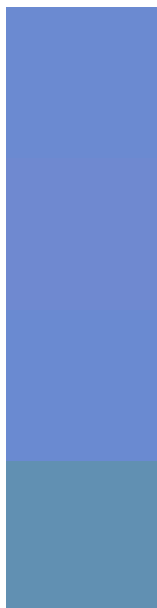
136.5260, -41.8630, 15.2970



Tritanopia

132.6240, -37.2280, -8.1400

Trichromacy



Original Color

136.8250, -41.2670, 15.5090

Protanomaly

137.3200, -38.2870, 16.5690

Deuteranomaly

136.5260, -41.8630, 15.2970

Tritanomaly

133.8230, -38.9260, 0.6100

Monochromacy



Original Color

136.8250, -41.2670, 15.5090

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6750, -14.9020, 5.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8250, -41.2670, 15.5090 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(107, 138, 209)` looks like.

```
.text, #text, p{  
    color:rgb(107, 138, 209)  
}
```

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(107, 138, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 138, 209) }
```

Border

The CSS property to change the border of an element to YIQ 136.8250, -41.2670, 15.5090 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(107, 138, 209) }
```


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

```
.border{ border-color:rgb(107, 138, 209) }
```

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

Here you see how a box with a 4 pixel rgb(107, 138, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 138, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 138, 209);  
box-shadow:4px 4px 4px 4px rgb(107, 138,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8250, -41.2670, 15.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 138, 209) }
```

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

```
.background{ background-color: rgb(107,  
138, 209) }
```

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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