

Converting Colors

YIQ(135.6290, -43.6510,
14.6610)

Have a look what the booklet for
YIQ(135.6290, -43.6510, 14.6610)
contains.

YIQ(135.6290, -43.6510, 14.6610)	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(135.6290, -43.6510,
14.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	678AD1
RGB	103, 138, 209
RGB Percent	40%, 54%, 82%
CMY	0.5961, 0.4588, 0.1806
CMYK	0.51, 0.34, 0.00, 0.18
HSL	220°, 53%, 61%
HSV	220°, 51%, 82%
XYZ	26.1844, 25.6648, 63.8576
YIQ	135.6290, -43.6510, 14.6610

Conversions

Conversions Part 2

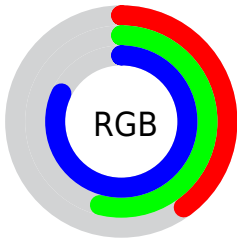
Format	Color
R _Y B	103, 129, 209
Decimal	6785745
CIE Lab	57.72, 7.59, -40.31
CIE LCh	58, 41.019, 280.667
Yxy	25.6648, 0.2263, 0.2218
Android (android.graphics.Color)	4284975825 (0xFF678AD1)
YUV	135.6290, 36.1719, -28.6156
Hunter-Lab	50.6604, 3.6040, -39.2729

Details

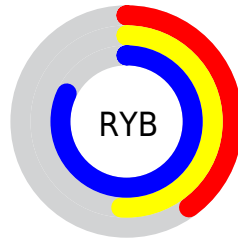
The YIQ color $135.6290, -43.6510, 14.6610$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $176.3710, 43.6510, -14.6610$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.7280, -39.6160, 13.1200$, and $82.9550, -47.6850, 10.6750$ is the 20% darker color. If you saturate the color by 10%, you get $121.1320, -52.3170, 17.5310$, and if you desaturate by 10%, it is $150.1260, -34.9850, 11.7910$.

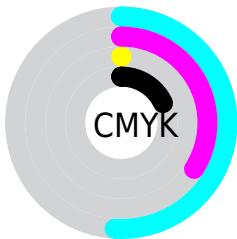
Distribution



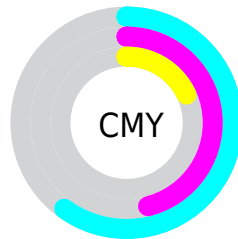
- Red (40%)
- Green (54%)
- Blue (82%)



- Red (40%)
- Yellow (51%)
- Blue (82%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6290, -43.6510, 14.6610 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 135.6290, -43.6510, 14.6610 by changing the saturation by 10% instead.

■ 135.6290,
-43.6510, 14.6610

■ 135.6290,
-43.6510, 14.6610

■ 255.0000, -0.0000,
-0.0000

■ 109.3900,
-44.4760, 13.0920

■ 188.7280,
-39.6160, 13.1200

■ 82.9550, -47.6850,
10.6750

■ 213.8350,
-30.0320, 4.6240

■ 52.7470, -58.9630,
5.8130

■ 238.9420,
-20.4480, -3.8720

■ 37.4560, -44.8420,
8.7100

■ 252.6080, -4.7680,
-1.6960

■ 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

■ 135.6290,
-43.6510, 14.6610

■ 135.6290,
-43.6510, 14.6610

■ 121.1320,
-52.3170, 17.5310

■ 150.1260,
-34.9850, 11.7910

■ 106.6350,
-60.9830, 20.4010

■ 164.6230,
-26.3190, 8.9210

■ 92.1380, -69.6490,
23.2710

■ 179.1200,
-17.6530, 6.0510

■ 77.6410, -78.3150,
26.1410

■ 193.6170, -8.9870,
3.1810

■ 64.3290, -86.0640,
28.9120

■ 207.8150, -0.9170,
0.0990

■ 222.3120, 7.7490,
-2.7710

■ 236.8090, 16.4150,
-5.6410

■ 246.8210, 16.1410,
-11.6910

■ 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.



110.9470, -107.1010, -13.8610



135.6290, -43.6510, 14.6610



142.0320, -1.8850, 28.6670

Triad

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



135.6290, -43.6510, 14.6610



138.9070, 57.7220, 11.1780



121.0240, -45.2470, -33.5270

Complementary

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



135.6290, -43.6510, 14.6610



176.3710, 43.6510, -14.6610

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.



129.9890, -2.6080, -29.8400



135.6290, -43.6510, 14.6610



137.0500, 49.2890, -6.7030

Square

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



135.6290, -43.6510, 14.6610



140.3540, 52.6300, 26.3740



134.5430, 28.2470, -21.8410



109.3730, -91.6460, -35.1500

Rectangle

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



135.6290, -43.6510, 14.6610



142.9440, 21.9100, 32.4540



134.5430, 28.2470, -21.8410



125.0490, -29.2000, -32.4960

Sweetspot

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



135.6290, -43.6510, 14.6610



228.3760, -15.4980, 5.5420



173.3160, -51.9410, -33.3570



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.



135.6290, -43.6510, 14.6610



147.3080, -64.3760, 21.3200



120.4660, -23.2980, 36.7820



97.6020, -4.6310, 1.3290



52.0240, -69.3280, 22.9600



12.3050, -16.7360, 5.9520

Inverse Universe

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



138.6840, 51.9410, 33.3570



151.5720, 76.2840, 49.2440



191.5340, 23.2980, -36.7820



97.7450, 5.2720, 3.5760



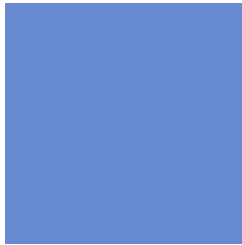
56.6160, 82.1520, 53.0320



13.7410, 20.2630, 12.7350

Previews

White Background



This preview shows how the YIQ color 135.6290, -43.6510, 14.6610 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 135.6290, -43.6510, 14.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

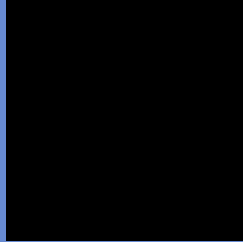
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6290, -43.6510, 14.6610

Background



This preview shows how black text looks on a background with the YIQ color 135.6290, -43.6510, 14.6610.

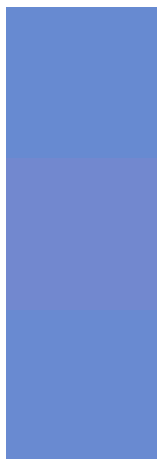


This preview shows how white text looks on a background with the YIQ color 135.6290, -43.6510, 14.6610.

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

135.6290, -43.6510, 14.6610

Protanopia

137.5160, -35.9030, 17.4170

Deuteranopia

136.2270, -42.4590, 15.0850



Tritanopia

131.1290, -40.2080, -9.2000

Trichromacy



Original Color

135.6290, -43.6510, 14.6610

Protanomaly

137.0210, -38.8830, 16.3570

Deuteranomaly

135.9280, -43.0550, 14.8730

Tritanomaly

132.6270, -41.3100, -0.2380

Monochromacy



Original Color

135.6290, -43.6510, 14.6610

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0770, -16.0940, 5.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6290, -43.6510, 14.6610 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(103, 138, 209)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 138, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 138, 209) }
```

Border

The CSS property to change the border of an element to YIQ 135.6290, -43.6510, 14.6610 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(103, 138, 209) }
```


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

```
.border{ border-color:rgb(103, 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(103, 138, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 138, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 138, 209);  
box-shadow:4px 4px 4px 4px rgb(103, 138,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6290, -43.6510, 14.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 138, 209) }
```

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

```
.background{ background-color: rgb(103,  
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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