

Converting Colors

YIQ(133.0740, -46.4020,
14.9580)

Have a look what the booklet for
YIQ(133.0740, -46.4020, 14.9580)
contains.

YIQ(133.0740, -46.4020, 14.9580)	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(133.0740, -46.4020,
14.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	6288D2
RGB	98, 136, 210
RGB Percent	38%, 53%, 82%
CMY	0.6157, 0.4666, 0.1767
CMYK	0.53, 0.35, 0.00, 0.18
HSL	220°, 55%, 60%
HSV	220°, 53%, 82%
XYZ	25.4674, 24.8590, 64.3885
YIQ	133.0740, -46.4020, 14.9580

Conversions

Conversions Part 2

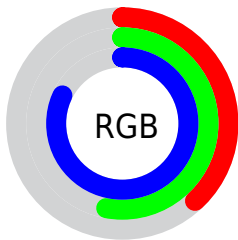
Format	Color
R _Y B	98, 126, 210
Decimal	6457554
CIE Lab	56.94, 7.96, -42.12
CIE LCh	57, 42.863, 280.698
Yxy	24.8590, 0.2220, 0.2167
Android (android.graphics.Color)	4284647634 (0xFF6288D2)
YUV	133.0740, 37.9245, -30.7599
Hunter-Lab	49.8588, 3.9232, -41.6670

Details

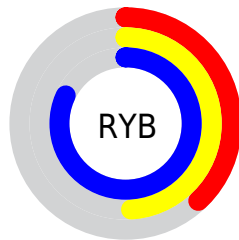
The YIQ color **133.0740, -46.4020, 14.9580** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.9260, 46.4020, -14.9580**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3580, -41.4500, 13.3180**, and **79.5030, -52.2240, 10.3360** is the 20% darker color. If you saturate the color by 10%, you get **118.5770, -55.0680, 17.8280**, and if you desaturate by 10%, it is **147.5710, -37.7360, 12.0880**.

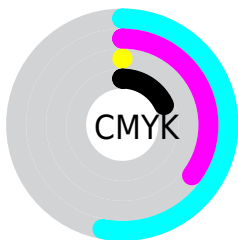
Distribution



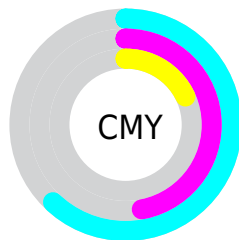
- Red (38%)
- Green (53%)
- Blue (82%)



- Red (38%)
- Yellow (49%)
- Blue (82%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0740, -46.4020, 14.9580 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 133.0740, -46.4020, 14.9580 by changing the saturation by 10% instead.

■ 133.0740,
-46.4020, 14.9580

■ 133.0740,
-46.4020, 14.9580

■ 255.0000, -0.0000,
-0.0000

■ 106.5360,
-47.8230, 13.1770

■ 186.3580,
-41.4500, 13.3180

■ 79.5030, -52.2240,
10.3360

■ 211.4650,
-31.8660, 4.8220

■ 52.2740, -59.0090,
6.6470

■ 236.5720,
-22.2820, -3.6740

■ 36.3960, -44.6130,
10.0670

■ 251.1130, -7.7480,
-2.7560

■ 22.5070, -31.6840,
12.5400

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 133.0740,
-46.4020, 14.9580

■ 133.0740,
-46.4020, 14.9580

■ 118.5770,
-55.0680, 17.8280

■ 147.5710,
-37.7360, 12.0880

■ 104.0800,
-63.7340, 20.6980

■ 162.0680,
-29.0700, 9.2180

■ 89.5830, -72.4000,
23.5680

■ 176.5650,
-20.4040, 6.3480

■ 75.6730, -81.3410,
25.9150

■ 190.4750,
-11.4630, 4.0010

■ 65.6170, -86.9350,
28.1770

■ 204.9720, -2.7970,
1.1310

■ 219.4690, 5.8690,
-1.7390

■ 233.9660, 14.5350,
-4.6090

■ 245.1740, 16.6450,
-9.8110

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



109.8870, -106.8720, -12.5040



133.0740, -46.4020, 14.9580



140.6730, -2.2520, 29.8120

Triad

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



133.0740, -46.4020, 14.9580



136.6900, 59.8310, 11.5030



117.4040, -49.3730, -35.8450

Complementary

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



133.0740, -46.4020, 14.9580



174.9260, 46.4020, -14.9580

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.



127.1630, -3.1580, -30.8860



133.0740, -46.4020, 14.9580



134.8930, 51.1690, -7.7350

Square

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



133.0740, -46.4020, 14.9580



137.7780, 54.3720, 27.8440



132.0870, 29.5310, -23.0850



108.5580, -90.7290, -35.2490

Rectangle

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



133.0740, -46.4020, 14.9580



140.2970, 22.4140, 34.3340



132.0870, 29.5310, -23.0850



121.7390, -31.2630, -33.6550

Sweetspot

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



133.0740, -46.4020, 14.9580



226.8920, -17.0110, 5.4290



172.0660, -54.2330, -35.8730



111.1330, -10.5000, 3.0680



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.



133.0740, -46.4020, 14.9580



142.8670, -67.4480, 21.9280



115.8510, -25.8200, 38.4360



97.6020, -4.6310, 1.3290



52.6110, -69.6030, 22.4370



12.8920, -17.0110, 5.4290

Inverse Universe

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



135.8200, 54.5540, 35.5620



147.0070, 79.4930, 51.6610



192.1490, 25.8200, -38.4360



97.7450, 5.2720, 3.5760



56.7300, 81.8310, 53.3430



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 133.0740, -46.4020, 14.9580 looks on a white background.

Color Contrast Check

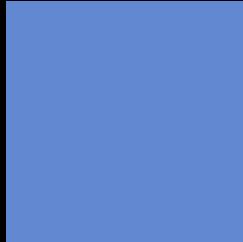
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0740, -46.4020, 14.9580 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 133.0740, -46.4020, 14.9580

Background



This preview shows how black text looks on a background with the YIQ color 133.0740, -46.4020, 14.9580.

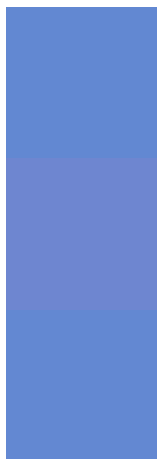


This preview shows how white text looks on a background with the YIQ color 133.0740, -46.4020,

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

133.0740, -46.4020, 14.9580

Protanopia

135.2600, -38.0580, 17.9260

Deuteranopia

133.3730, -45.8060, 15.1700



Tritanopia

127.6340, -43.1880, -10.2600

Trichromacy



Original Color

133.0740, -46.4020, 14.9580

Protanomaly

134.7650, -41.0380, 16.8660

Deuteranomaly

133.3730, -45.8060, 15.1700

Tritanomaly

129.5450, -44.0150, -0.7750

Monochromacy



Original Color

133.0740, -46.4020, 14.9580

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8920, -17.0110, 5.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0740, -46.4020, 14.9580 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(98, 136, 210)` looks like.

```
.text, #text, p{  
    color:rgb(98, 136, 210)  
}
```

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(98, 136, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 136, 210) }
```

Border

The CSS property to change the border of an element to YIQ 133.0740, -46.4020, 14.9580 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(98, 136, 210) }
```


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

```
.border{ border-color:rgb(98, 136, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 136, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 136, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 136, 210);  
box-shadow:4px 4px 4px 4px rgb(98, 136,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0740, -46.4020, 14.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 136, 210) }
```

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

```
.background{ background-color: rgb(98, 136,  
210) }
```

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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