

Converting Colors

YIQ(165.8210, -44.6120, 4.5400)

Have a look what the booklet for
YIQ(165.8210, -44.6120, 4.5400)
contains.

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Color

**YIQ(165.8210, -44.6120,
4.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAFDF
RGB	126, 175, 223
RGB Percent	49%, 69%, 87%
CMY	0.5060, 0.3136, 0.1257
CMYK	0.43, 0.21, 0.00, 0.13
HSL	210°, 60%, 68%
HSV	210°, 43%, 87%
XYZ	37.2468, 40.4267, 75.6134
YIQ	165.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

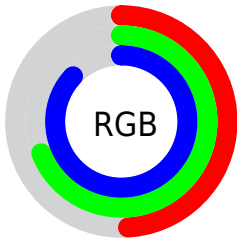
Format	Color
R_{YB}	126, 159, 223
Decimal	8302559
CIE _{Lab}	69.77, -3.82, -29.23
CIE _{LCh}	70, 29.475, 262.561
Yxy	40.4267, 0.2430, 0.2637
Android (android.graphics.Color)	4286492639 (0xFF7EAFDF)
YUV	165.8210, 28.1892, -34.9230
Hunter-Lab	63.5820, -6.7018, -26.0019

Details

The YIQ color **165.8210, -44.6120, 4.5400** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.1790, 44.6120, -4.5400**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4980, -36.6330, -2.4010**, and **112.2830, -46.0330, 2.7590** is the 20% darker color. If you saturate the color by 10%, you get **152.7860, -54.6990, 5.6290**, and if you desaturate by 10%, it is **178.8560, -34.5250, 3.4510**.

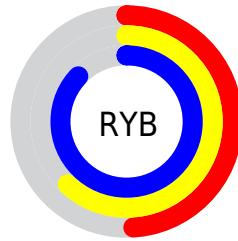
Distribution



Red (49%)

Green (69%)

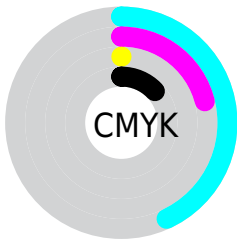
Blue (87%)



Red (49%)

Yellow (62%)

Blue (87%)

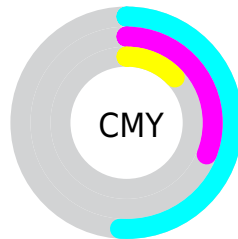


Cyan (43%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (51%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.8210, -44.6120, 4.5400 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 165.8210, -44.6120, 4.5400 by changing the saturation by 10% instead.

■ 165.8210,
-44.6120, 4.5400

■ 165.8210,
-44.6120, 4.5400

■ 255.0000, -0.0000,
-0.0000

■ 138.4080,
-44.8870, 4.0170

■ 218.4980,
-36.6330, -2.4010

■ 112.2830,
-46.0330, 2.7590

■ 241.8440,
-26.2240, -9.3280

■ 85.5600, -48.3710,
1.0770

■ 250.5150, -8.9400,
-3.1800

■ 56.5480, -57.2650,
-2.9370

■ 40.8980, -43.5110,
1.1050

■ 25.8350, -30.0320,
4.6240

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 165.8210,
-44.6120, 4.5400

■ 165.8210,
-44.6120, 4.5400

■ 152.7860,
-54.6990, 5.6290

■ 178.8560,
-34.5250, 3.4510

■ 139.4520,
-65.3820, 6.5060

■ 192.1900,
-23.8420, 2.5740

■ 126.4170,
-75.4690, 7.5950

■ 205.2250,
-13.7550, 1.4850

■ 113.3820,
-85.5560, 8.6840

■ 218.2600, -3.6680,
0.3960

■ 100.3470,
-95.6430, 9.7730

■ 231.2950, 6.4190,
-0.6930

■ 91.7530,
-102.6580, 10.2540

■ 243.1340, 14.1220,
-2.6300

■ 249.5910, 11.0970,
-8.3830

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



158.8090, -62.6740, -9.5380



165.8210, -44.6120, 4.5400



171.8570, -17.9300, 16.5820

Triad

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



165.8210, -44.6120, 4.5400



173.4140, 43.2330, 14.9530



163.1270, -11.5040, -22.8000

Complementary

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



165.8210, -44.6120, 4.5400



183.1790, 44.6120, -4.5400

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.



166.7510, 13.1620, -18.2780



165.8210, -44.6120, 4.5400



171.7370, 43.2810, 3.0650

Square

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



165.8210, -44.6120, 4.5400



174.4100, 31.8610, 22.8130



169.4980, 33.2880, -8.5680



159.1700, -39.4260, -23.3780

Rectangle

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



165.8210, -44.6120, 4.5400



174.0720, 0.6380, 21.4860



169.4980, 33.2880, -8.5680



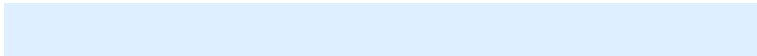
164.7320, -3.0220, -22.3340

Sweetspot

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



165.8210, -44.6120, 4.5400



235.7410, -15.2680, 1.3720



188.2970, -41.7620, -36.1140



115.2640, -9.4910, 1.3010



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.



165.8210, -44.6120, 4.5400



176.4910, -61.1180, 6.3220



138.2320, -31.6870, 29.1210



105.7760, -5.1810, 0.2830



72.3070, -80.9710, 8.1890



20.1470, -22.2830, 1.8530

Inverse Universe

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



160.5890, 42.0830, 35.8030



169.4050, 57.7610, 49.0330



210.7680, 31.6870, -29.1210



104.9730, 4.6300, 4.1980



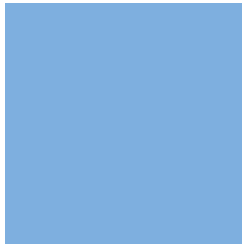
62.7700, 76.3270, 64.9910



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 165.8210, -44.6120, 4.5400 looks on a white background.

Color Contrast Check

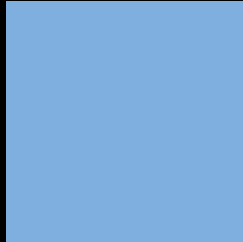
Large Text (above 18pt) WCAG AA × Fail

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 165.8210, -44.6120, 4.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

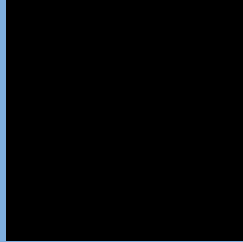
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.8210, -44.6120, 4.5400

Background



This preview shows how black text looks on a background with the YIQ color 165.8210, -44.6120, 4.5400.



This preview shows how white text looks on a background with the YIQ color 165.8210, -44.6120,

4.5400.

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

165.8210, -44.6120, 4.5400

Protanopia

170.4110, -22.6060, 13.2180

Deuteranopia

170.3230, -25.1740, 15.7060



Tritanopia

163.1720, -41.7670, -8.4790

Trichromacy



Original Color

165.8210, -44.6120, 4.5400

Protanomaly

169.1110, -30.6290, 9.9390

Deuteranomaly

168.6810, -32.2340, 11.4940

Tritanomaly

164.0350, -42.6390, -3.6870

Monochromacy



Original Color

165.8210, -44.6120, 4.5400

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.6700, -16.5060, 1.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8210, -44.6120, 4.5400 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(126, 175, 223)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 223)  
}
```

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(126, 175, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 223) }
```

Border

The CSS property to change the border of an element to YIQ 165.8210, -44.6120, 4.5400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

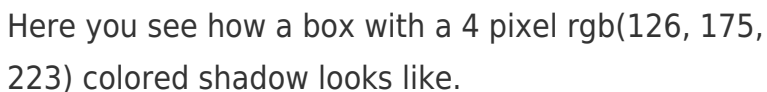
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 175, 223) }
```


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

```
.border{ border-color:rgb(126, 175, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 175, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 175, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 175, 223);  
box-shadow:4px 4px 4px 4px rgb(126, 175,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8210, -44.6120, 4.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 223) }
```

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

```
.background{ background-color: rgb(126,  
175, 223) }
```

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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