

Converting Colors

YIQ(152.9930, -50.8480, 7.4240)

Have a look what the booklet for
YIQ(152.9930, -50.8480, 7.4240)
contains.

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Color

**YIQ(152.9930, -50.8480,
7.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA2DE
RGB	109, 162, 222
RGB Percent	43%, 64%, 87%
CMY	0.5726, 0.3646, 0.1297
CMYK	0.51, 0.27, 0.00, 0.13
HSL	212°, 63%, 65%
HSV	212°, 51%, 87%
XYZ	32.4045, 34.3689, 73.9887
YIQ	152.9930, -50.8480, 7.4240

Conversions

Conversions Part 2

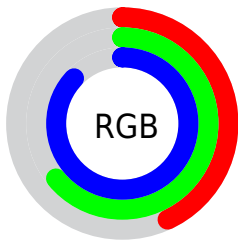
Format	Color
RYB	109, 145, 222
Decimal	7185118
CIELab	65.25, -0.94, -35.74
CIELCh	65, 35.751, 268.495
Yxy	34.3689, 0.2302, 0.2442
Android (android.graphics.Color)	4285375198 (0xFF6DA2DE)
YUV	152.9930, 34.0205, -38.5819
Hunter-Lab	58.6250, -3.9292, -33.7905

Details

The YIQ color **152.9930, -50.8480, 7.4240** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **178.0070, 50.8480, -7.4240**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.0830, -42.5940, 1.0060**, and **98.8460, -54.9280, 4.2720** is the 20% darker color. If you saturate the color by 10%, you get **139.3710, -60.6600, 9.0360**, and if you desaturate by 10%, it is **166.6150, -41.0360, 5.8120**.

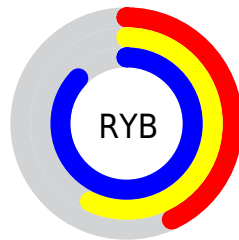
Distribution



Red (43%)

Green (64%)

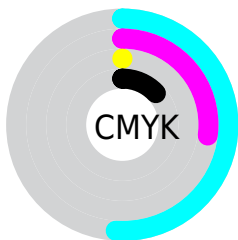
Blue (87%)



Red (43%)

Yellow (57%)

Blue (87%)

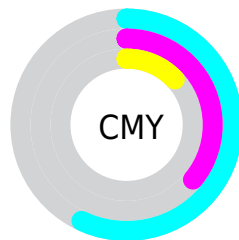


Cyan (51%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (57%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9930, -50.8480, 7.4240 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 152.9930, -50.8480, 7.4240 by changing the saturation by 10% instead.

■ 152.9930,
-50.8480, 7.4240

■ 152.9930,
-50.8480, 7.4240

■ 255.0000, -0.0000,
-0.0000

■ 125.8680,
-51.9940, 6.1660

■ 206.0830,
-42.5940, 1.0060

■ 98.8460, -54.9280,
4.2720

■ 231.1900,
-33.0100, -7.4900

■ 66.4420, -68.5900,
-1.4380

■ 245.7310,
-18.4760, -6.5720

■ 50.5640, -54.1940,
1.9820

■ 254.7010, -0.5960,
-0.2120

■ 34.8000, -40.1190,
5.7130

■ 20.4380, -27.2360,
9.0200

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 152.9930,
-50.8480, 7.4240

■ 152.9930,
-50.8480, 7.4240

■ 139.3710,
-60.6600, 9.0360

■ 166.6150,
-41.0360, 5.8120

■ 125.7490,
-70.4720, 10.6480

■ 180.2370,
-31.2240, 4.2000

■ 112.4150,
-81.1550, 11.5250

■ 193.5710,
-20.5410, 3.3230

■ 98.7930, -90.9670,
13.1370

■ 207.1930,
-10.7290, 1.7110

■ 86.3560, -99.8620,
14.6500

■ 220.8150, -0.9170,
0.0990

■ 234.4370, 8.8950,
-1.5130

■ 244.7810, 13.6180,
-4.5100

■ 251.2380, 10.5930,
-10.2630

Harmonies

Analogous

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



139.2070, -84.4060, -12.1660



152.9930, -50.8480, 7.4240



160.9870, -15.1800, 21.8120

Triad

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



152.9930, -50.8480, 7.4240



160.4320, 51.9900, 15.9420



147.9900, -21.5440, -28.0720

Complementary

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



152.9930, -50.8480, 7.4240



178.0070, 50.8480, -7.4240

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.



153.2080, 10.1370, -24.0310



152.9930, -50.8480, 7.4240



158.6790, 49.1960, 0.4920

Square

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



152.9930, -50.8480, 7.4240



162.1940, 41.3970, 26.2050



156.4070, 34.8020, -13.9820



140.2430, -58.8650, -29.0170

Rectangle

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



152.9930, -50.8480, 7.4240



162.4690, 7.0100, 27.1540



156.4070, 34.8020, -13.9820



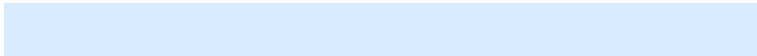
149.6770, -10.3570, -27.0690

Sweetspot

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



152.9930, -50.8480, 7.4240



231.8980, -17.1480, 2.4040



181.9430, -49.6930, -41.0610



113.4920, -10.1330, 1.9230



0.0000, 0.0000, 0.0000



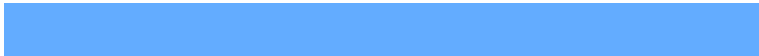
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.9930, -50.8480, 7.4240



159.6350, -70.1510, 10.3370



122.4800, -35.0810, 35.5670



105.1890, -4.9060, 0.8060



68.7850, -79.3210, 11.3270



18.9730, -21.7330, 2.8990

Inverse Universe

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



148.8290, 50.3350, 40.4390



153.9660, 69.5430, 55.7750



208.5200, 35.0810, -35.5670



104.8590, 4.9510, 3.8870



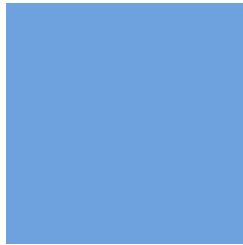
62.0860, 78.2530, 63.1250



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 152.9930, -50.8480, 7.4240 looks on a white background.

Color Contrast Check

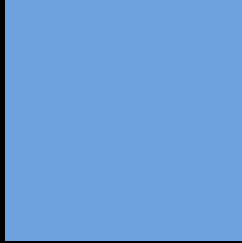
Large Text (above 18pt) WCAG AA × Fail

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 152.9930, -50.8480, 7.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

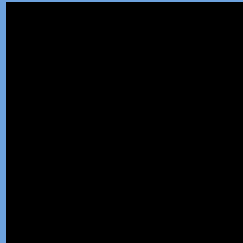
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.9930, -50.8480, 7.4240

Background



This preview shows how black text looks on a background with the YIQ color 152.9930, -50.8480, 7.4240.

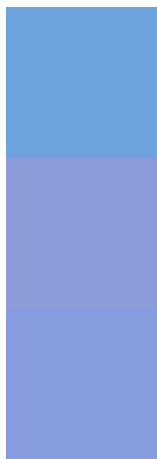


This preview shows how white text looks on a background with the YIQ color 152.9930, -50.8480,

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

152.9930, -50.8480, 7.4240

Protanopia

158.1700, -29.1170, 15.5790

Deuteranopia

157.0600, -34.6190, 16.1730



Tritanopia

148.7690, -48.0020, -11.1220

Trichromacy



Original Color

152.9930, -50.8480, 7.4240

Protanomaly

156.2830, -36.8650, 12.8230

Deuteranomaly

155.5430, -40.5330, 13.2190

Tritanomaly

150.0990, -48.6910, -4.1390

Monochromacy



Original Color

152.9930, -50.8480, 7.4240

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8270, -18.3860, 2.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9930, -50.8480, 7.4240 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(109, 162, 222)` looks like.

```
.text, #text, p{  
    color:rgb(109, 162, 222)  
}
```

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(109, 162, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 162, 222) }
```

Border

The CSS property to change the border of an element to YIQ 152.9930, -50.8480, 7.4240 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(109, 162, 222) }
```


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

```
.border{ border-color:rgb(109, 162, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 162, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 162, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 162, 222);  
box-shadow:4px 4px 4px 4px rgb(109, 162,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9930, -50.8480, 7.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 162, 222) }
```

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

```
.background{ background-color: rgb(109,  
162, 222) }
```

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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