

Converting Colors

YIQ(98.2310, -48.2820, 15.9900)

Have a look what the booklet for
YIQ(98.2310, -48.2820, 15.9900)
contains.

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Color

**YIQ(98.2310, -48.2820,
15.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	3E65B3
RGB	62, 101, 179
RGB Percent	24%, 40%, 70%
CMY	0.7569, 0.6039, 0.2983
CMYK	0.65, 0.44, 0.00, 0.30
HSL	220°, 49%, 47%
HSV	220°, 65%, 70%
XYZ	14.7714, 13.5864, 44.4577
YIQ	98.2310, -48.2820, 15.9900

Conversions

Conversions Part 2

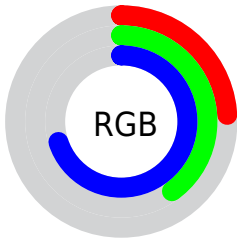
Format	Color
R _{YB}	62, 91, 179
Decimal	4089267
CIE Lab	43.63, 11.78, -45.56
CIE LCh	44, 47.055, 284.497
Yxy	13.5864, 0.2029, 0.1866
Android (android.graphics.Color)	4282279347 (0xFF3E65B3)
YUV	98.2310, 39.8191, -31.7746
Hunter-Lab	36.8598, 7.0284, -45.7096

Details

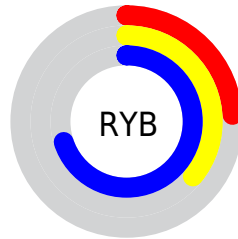
The YIQ color **98.2310, -48.2820, 15.9900** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **142.7690, 48.2820, -15.9900**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.6060, -44.8440, 19.7640**, and **46.6490, -55.5710, 10.4210** is the 20% darker color. If you saturate the color by 10%, you get **85.8050, -55.7100, 18.4500**, and if you desaturate by 10%, it is **110.6570, -40.8540, 13.5300**.

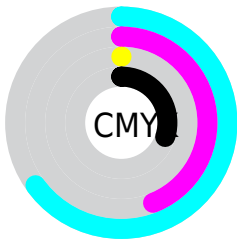
Distribution



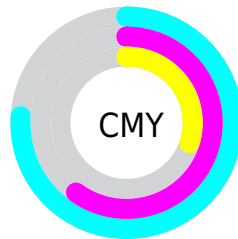
- Red (24%)
- Green (40%)
- Blue (70%)



- Red (24%)
- Yellow (36%)
- Blue (70%)



- Cyan (65%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (76%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2310, -48.2820, 15.9900 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 98.2310, -48.2820, 15.9900 by changing the saturation by 10% instead.

■ 98.2310, -48.2820,
15.9900

■ 98.2310, -48.2820,
15.9900

■ 255.0000, -0.0000,
-0.0000

■ 70.0020, -55.0670,
12.3010

■ 152.1930,
-45.1190, 19.2410

■ 46.6490, -55.5710,
10.4210

■ 178.1070,
-42.0010, 17.7990

■ 31.3580, -41.4500,
13.3180

■ 202.6270,
-32.1420, 9.8260

■ 16.2950, -27.9710,
16.8370

■ 228.3210,
-22.8330, 0.8070

■ 8.2760, -17.7920,
14.0800

■ 249.6180,
-10.7280, -3.8160

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 98.2310, -48.2820,
15.9900

■ 98.2310, -48.2820,
15.9900

■ 85.8050, -55.7100,
18.4500

■ 110.6570,
-40.8540, 13.5300

■ 73.3790, -63.1380,
20.9100

■ 123.0830,
-33.4260, 11.0700

■ 60.9530, -70.5660,
23.3700

■ 135.5090,
-25.9980, 8.6100

■ 55.6260, -73.9590,
24.2890

■ 147.9350,
-18.5700, 6.1500

■ 160.0620,
-11.7380, 3.4780

■ 172.4880, -4.3100,
1.0180

■ 184.3270, 3.3930,
-0.9190

■ 196.7530, 10.8210,
-3.3790

■ 209.1790, 18.2490,
-5.8390

Harmonies

Analogous

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



86.6230, -88.2130, -3.7410



98.2310, -48.2820, 15.9900



106.0050, 2.7450, 32.8650

Triad

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



98.2310, -48.2820, 15.9900



100.5220, 60.2440, 9.5240



79.6740, -59.0010, -37.5690

Complementary

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



98.2310, -48.2820, 15.9900



142.7690, 48.2820, -15.9900

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.



91.0480, -10.2640, -34.2640



98.2310, -48.2820, 15.9900



99.5460, 50.5280, -12.6400

Square

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



98.2310, -48.2820, 15.9900



100.5720, 57.9480, 29.1160



96.1420, 27.6980, -28.4140



85.4080, -72.3910, -26.1750

Rectangle

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



98.2310, -48.2820, 15.9900



104.8140, 28.3280, 37.2880



96.1420, 27.6980, -28.4140



77.6050, -54.5530, -41.0890

Sweetspot

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



98.2310, -48.2820, 15.9900



200.0490, -18.8910, 6.4610



139.3430, -56.5710, -37.5550



98.0620, -11.7380, 3.4780



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



98.2310, -48.2820, 15.9900



106.8540, -74.6010, 24.9110



80.7200, -26.8290, 40.2030



82.7870, -3.7140, 1.2300



47.3790, -63.1380, 20.9100



8.2470, -10.8210, 3.3790

Inverse Universe

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



101.4290, 57.2130, 36.9330



111.9590, 88.6160, 57.0320



160.2800, 26.8290, -40.2030



83.0330, 4.4010, 2.8410



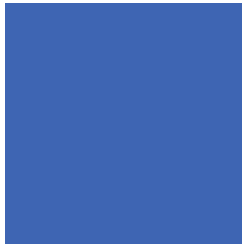
51.5610, 74.8170, 48.2970



8.8000, 12.6070, 8.3110

Previews

White Background



This preview shows how the YIQ color 98.2310, -48.2820, 15.9900 looks on a white 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

Black Background



This preview shows how the YIQ color 98.2310, -48.2820, 15.9900 looks on a black 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

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

YIQ 98.2310, -48.2820, 15.9900

Background



This preview shows how black text looks on a background with the YIQ color 98.2310, -48.2820, 15.9900.



This preview shows how white text looks on a background with the YIQ color 98.2310, -48.2820,

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

98.2310, -48.2820, 15.9900

Protanopia

99.3240, -44.1100, 17.4740

Deuteranopia

93.8980, -60.7060, 9.8700



Tritanopia

88.1270, -55.0620, -15.3340

Trichromacy



Original Color

98.2310, -48.2820, 15.9900

Protanomaly

98.7260, -45.3020, 17.0500

Deuteranomaly

95.4040, -56.2590, 11.8770

Tritanomaly

91.9460, -52.6340, -4.2660

Monochromacy



Original Color

98.2310, -48.2820, 15.9900

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0060, -17.3320, 5.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2310, -48.2820, 15.9900 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(62, 101, 179)` looks like.

```
.text, #text, p{  
    color:rgb(62, 101, 179)  
}
```

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(62, 101, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 101, 179) }
```

Border

The CSS property to change the border of an element to YIQ 98.2310, -48.2820, 15.9900 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(62, 101, 179) }
```


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

```
.border{ border-color:rgb(62, 101, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 101, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 101, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 101, 179);  
box-shadow:4px 4px 4px 4px rgb(62, 101,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2310, -48.2820, 15.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 101, 179) }
```

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

```
.background{ background-color: rgb(62, 101,  
179) }
```

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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