

Converting Colors

YIQ(123.8820, -37.4140, 6.2500)

Have a look what the booklet for
YIQ(123.8820, -37.4140, 6.2500)
contains.

YIQ(123.8820, -37.4140, 6.2500)	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(123.8820, -37.4140,
6.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	5C82B0
RGB	92, 130, 176
RGB Percent	36%, 51%, 69%
CMY	0.6393, 0.4901, 0.3100
CMYK	0.48, 0.26, 0.00, 0.31
HSL	213°, 35%, 53%
HSV	213°, 48%, 69%
XYZ	20.2287, 21.3768, 44.1099
YIQ	123.8820, -37.4140, 6.2500

Conversions

Conversions Part 2

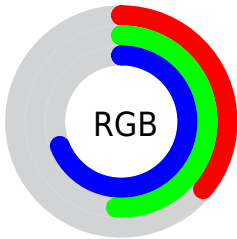
Format	Color
R _Y B	92, 118, 176
Decimal	6062768
CIE Lab	53.36, -0.44, -28.40
CIE LCh	53, 28.405, 269.115
Yxy	21.3768, 0.2360, 0.2494
Android (android.graphics.Color)	4284252848 (0xFF5C82B0)
YUV	123.8820, 25.6942, -27.9605
Hunter-Lab	46.2350, -2.8143, -24.2003

Details

The YIQ color **123.8820, -37.4140, 6.2500** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **144.1180, 37.4140, -6.2500**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.5230, -37.7810, 7.3950**, and **72.6320, -39.7060, 3.7340** is the 20% darker color. If you saturate the color by 10%, you get **112.6300, -45.3920, 7.6640**, and if you desaturate by 10%, it is **135.1340, -29.4360, 4.8360**.

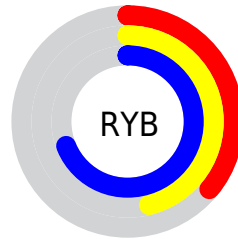
Distribution



Red (36%)

Green (51%)

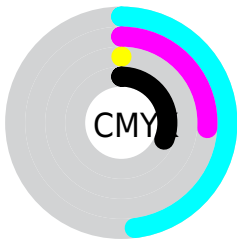
Blue (69%)



Red (36%)

Yellow (46%)

Blue (69%)

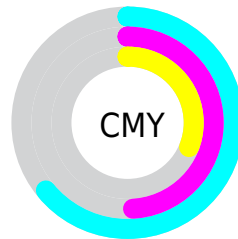


Cyan (48%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (64%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.8820, -37.4140, 6.2500 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 123.8820, -37.4140, 6.2500 by changing the saturation by 10% instead.

■ 123.8820,
-37.4140, 6.2500

■ 123.8820,
-37.4140, 6.2500

■ 255.0000, -0.0000,
-0.0000

■ 98.0560, -37.9640,
5.2040

■ 177.5230,
-37.7810, 7.3950

■ 72.6320, -39.7060,
3.7340

■ 204.3660,
-35.9010, 6.3630

■ 45.2180, -47.4080,
0.1440

■ 229.7610,
-27.1880, -2.8680

■ 30.1550, -33.9290,
3.6630

■ 247.8240,
-14.3040, -5.0880

■ 15.2060, -20.7710,
7.4930

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 123.8820,
-37.4140, 6.2500

■ 123.8820,
-37.4140, 6.2500

■ 112.6300,
-45.3920, 7.6640

■ 135.1340,
-29.4360, 4.8360

■ 102.2640,
-53.0490, 8.7670

■ 145.5000,
-21.7790, 3.7330

■ 91.0120, -61.0270,
10.1810

■ 156.7520,
-13.8010, 2.3190

■ 80.6460, -68.6840,
11.2840

■ 167.7050, -6.4190,
0.6930

■ 69.3940, -76.6620,
12.6980

■ 178.3700, 1.8340,
-0.1980

■ 67.0240, -78.4960,
12.8960

■ 189.6220, 9.8120,
-1.6120

■ 199.9880, 17.4690,
-2.7150

■ 211.2400, 25.4470,
-4.1290

■ 222.1930, 32.8290,
-5.7550

Harmonies

Analogous

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



115.5320, -60.3360, -7.8560



123.8820, -37.4140, 6.2500



128.9780, -10.9610, 16.9350

Triad

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



123.8820, -37.4140, 6.2500



129.4520, 40.0700, 11.7020



119.5440, -17.0520, -21.3720

Complementary

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



123.8820, -37.4140, 6.2500



144.1180, 37.4140, -6.2500

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.



123.2280, 7.3850, -18.2070



123.8820, -37.4140, 6.2500



127.5190, 37.9630, 0.3230

Square

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



123.8820, -37.4140, 6.2500



130.4160, 31.7240, 19.7880



126.2090, 26.7320, -10.9000



115.0710, -43.4610, -21.8370

Rectangle

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



123.8820, -37.4140, 6.2500



131.1820, 6.1400, 20.8920



126.2090, 26.7320, -10.9000



121.1490, -8.5700, -20.9060

Sweetspot

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



123.8820, -37.4140, 6.2500



209.5670, -14.7180, 2.4180



146.4380, -37.5450, -29.9370



102.5630, -8.8950, 1.5130



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



123.8820, -37.4140, 6.2500



148.5670, -58.2760, 9.8840



102.4730, -25.1760, 26.7600



83.3740, -3.9890, 0.7070



57.9450, -68.0880, 11.4960



10.0080, -11.6460, 1.8100

Inverse Universe

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



121.4480, 37.8660, 29.6260



144.8950, 59.1370, 46.1210



165.5270, 25.1760, -26.7600



83.1470, 4.0800, 3.1520



53.6130, 69.0390, 53.8950



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 123.8820, -37.4140, 6.2500 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 123.8820, -37.4140, 6.2500 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 123.8820, -37.4140, 6.2500

Background



This preview shows how black text looks on a background with the YIQ color 123.8820, -37.4140, 6.2500.

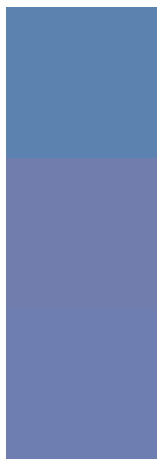


This preview shows how white text looks on a background with the YIQ color 123.8820, -37.4140,

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

123.8820, -37.4140, 6.2500

Protanopia

126.7700, -22.2390, 12.0730

Deuteranopia

127.0300, -25.9070, 12.4690



Tritanopia

121.2930, -34.7980, -8.1260

Trichromacy



Original Color

123.8820, -37.4140, 6.2500

Protanomaly

125.6660, -27.8780, 9.6420

Deuteranomaly

125.5240, -30.3540, 10.4620

Tritanomaly

122.2700, -35.9910, -3.0230

Monochromacy



Original Color

123.8820, -37.4140, 6.2500

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.7520, -13.8010, 2.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.8820, -37.4140, 6.2500 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(92, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(92, 130, 176)  
}
```

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(92, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 130, 176) }
```

Border

The CSS property to change the border of an element to YIQ 123.8820, -37.4140, 6.2500 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(92, 130, 176) }
```


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

```
.border{ border-color:rgb(92, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(92, 130,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 123.8820, -37.4140, 6.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 130, 176) }
```

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

```
.background{ background-color: rgb(92, 130,  
176) }
```

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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