

Converting Colors

YIQ(122.4510, -37.2780,
14.8020)

Have a look what the booklet for
YIQ(122.4510, -37.2780, 14.8020)
contains.

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Color

**YIQ(122.4510, -37.2780,
14.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	607BBD
RGB	96, 123, 189
RGB Percent	38%, 48%, 74%
CMY	0.6235, 0.5176, 0.2590
CMYK	0.49, 0.35, 0.00, 0.26
HSL	223°, 41%, 56%
HSV	223°, 49%, 74%
XYZ	21.0874, 20.3272, 50.9273
YIQ	122.4510, -37.2780, 14.8020

Conversions

Conversions Part 2

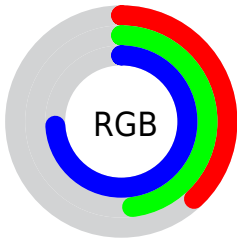
Format	Color
R_{YB}	96, 117, 189
Decimal	6323133
CIE _{Lab}	52.21, 8.70, -37.65
CIE _{LCh}	52, 38.646, 283.014
Yxy	20.3272, 0.2284, 0.2201
Android (android.graphics.Color)	4284513213 (0xFF607BBD)
YUV	122.4510, 32.8087, -23.1975
Hunter-Lab	45.0857, 4.5880, -35.4121

Details

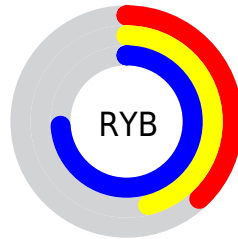
The YIQ color **122.4510, -37.2780, 14.8020** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **162.5490, 37.2780, -14.8020**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9180, -37.0950, 16.9930**, and **71.0760, -40.7160, 11.0280** is the 20% darker color. If you saturate the color by 10%, you get **109.1390, -45.0270, 17.5730**, and if you desaturate by 10%, it is **135.7630, -29.5290, 12.0310**.

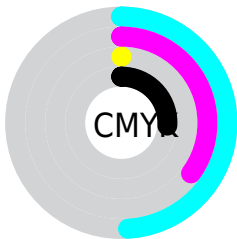
Distribution



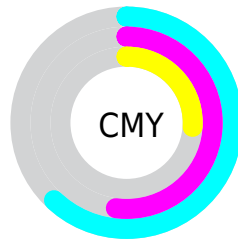
- Red (38%)
- Green (48%)
- Blue (74%)



- Red (38%)
- Yellow (46%)
- Blue (74%)



- Cyan (49%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4510, -37.2780, 14.8020 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 122.4510, -37.2780, 14.8020 by changing the saturation by 10% instead.

■ 122.4510,
-37.2780, 14.8020

■ 122.4510,
-37.2780, 14.8020

■ 255.0000, -0.0000,
-0.0000

■ 96.3260, -38.4240,
13.5440

■ 175.9180,
-37.0950, 16.9930

■ 71.0760, -40.7160,
11.0280

■ 201.7520,
-30.9960, 11.0840

■ 43.0640, -49.6100,
7.0140

■ 226.8590,
-21.4120, 2.5880

■ 28.4740, -36.0850,
9.6990

■ 249.6180,
-10.7280, -3.8160

■ 11.0630, -21.5060,
15.3100

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 122.4510,
-37.2780, 14.8020

■ 122.4510,
-37.2780, 14.8020

■ 109.1390,
-45.0270, 17.5730

■ 135.7630,
-29.5290, 12.0310

■ 95.2400, -52.5010,
20.8670

■ 149.6620,
-22.0550, 8.7370

■ 81.9280, -60.2500,
23.6380

■ 162.9740,
-14.3060, 5.9660

■ 68.0290, -67.7240,
26.9320

■ 176.8730, -6.8320,
2.6720

■ 55.0160, -74.8770,
29.9150

■ 189.8860, 0.3210,
-0.3110

■ 53.8310, -75.7940,
30.0140

■ 203.1980, 8.0700,
-3.0820

■ 217.0970, 15.5440,
-6.3760

■ 230.4090, 23.2930,
-9.1470

■ 241.0190, 24.2110,
-14.7730

Harmonies

Analogous

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



99.3890, -96.6020, -11.4020



122.4510, -37.2780, 14.8020



127.9460, 1.2330, 27.2250

Triad

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



122.4510, -37.2780, 14.8020



124.4010, 53.2750, 9.1710



106.8930, -46.2560, -31.7600

Complementary

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



122.4510, -37.2780, 14.8020



162.5490, 37.2780, -14.8020

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.



115.7870, -4.8550, -27.6630



122.4510, -37.2780, 14.8020



122.8860, 43.8790, -7.7770

Square

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



122.4510, -37.2780, 14.8020



125.5060, 49.1460, 23.4340



120.0310, 23.9370, -20.8230



99.0860, -83.3480, -31.3480

Rectangle

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



122.4510, -37.2780, 14.8020



128.3630, 22.0480, 29.9520



120.0310, 23.9370, -20.8230



111.0320, -30.5300, -30.4180

Sweetspot

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



122.4510, -37.2780, 14.8020



218.6750, -14.9020, 5.7540



158.0010, -46.4400, -28.4240



106.6170, -8.9870, 3.1810



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



122.4510, -37.2780, 14.8020



141.1840, -58.0950, 23.1290



112.2830, -18.5290, 32.9510



87.7870, -3.7140, 1.2300



45.0140, -63.3680, 25.0800



8.8170, -12.4260, 4.9340

Inverse Universe

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



126.8850, 46.7610, 28.1130



148.1430, 72.9380, 43.8020



172.7170, 18.5290, -32.9510



88.0330, 4.4010, 2.8410



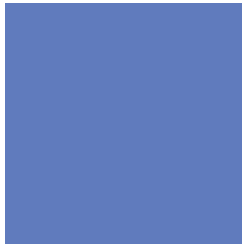
52.4860, 79.4020, 47.8020



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 122.4510, -37.2780, 14.8020 looks on a white background.

Color Contrast Check

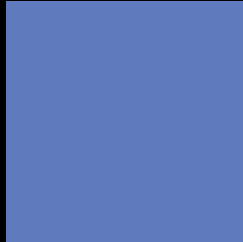
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4510, -37.2780, 14.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

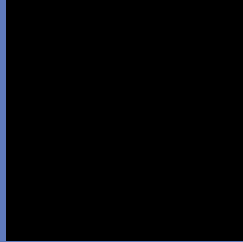
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

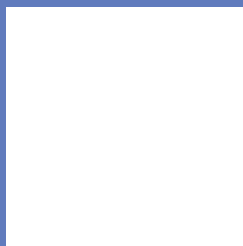
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.4510, -37.2780, 14.8020

Background



This preview shows how black text looks on a background with the YIQ color 122.4510, -37.2780, 14.8020.

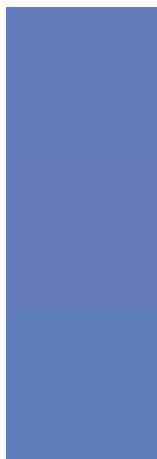


This preview shows how white text looks on a background with the YIQ color 122.4510, -37.2780,

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

122.4510, -37.2780, 14.8020

Protanopia

123.2450, -33.7020, 16.0740

Deuteranopia

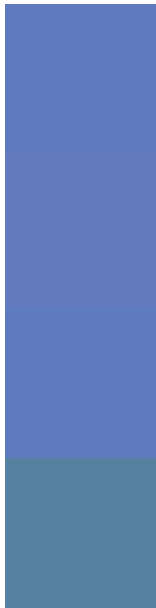
122.1410, -39.3410, 13.6430



Tritanopia

118.3040, -33.3310, -7.1790

Trichromacy



Original Color

122.4510, -37.2780, 14.8020

Protanomaly

122.6470, -34.8940, 15.6500

Deuteranomaly

122.4400, -38.7450, 13.8550

Tritanomaly

119.9760, -34.9830, 0.7370

Monochromacy



Original Color

122.4510, -37.2780, 14.8020

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0450, -13.0680, 5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4510, -37.2780, 14.8020 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(96, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(96, 123, 189)  
}
```

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(96, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 123, 189) }
```

Border

The CSS property to change the border of an element to YIQ 122.4510, -37.2780, 14.8020 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(96, 123, 189) }
```


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

```
.border{ border-color:rgb(96, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(96, 123,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4510, -37.2780, 14.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 123, 189) }
```

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

```
.background{ background-color: rgb(96, 123,  
189) }
```

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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