

Converting Colors

YIQ(123.3410, -51.9480, 5.3320)

Have a look what the booklet for
YIQ(123.3410, -51.9480, 5.3320)
contains.

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Color

**YIQ(123.3410, -51.9480,
5.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	4D86BE
RGB	77, 134, 190
RGB Percent	30%, 53%, 75%
CMY	0.6981, 0.4744, 0.2551
CMYK	0.59, 0.29, 0.00, 0.26
HSL	210°, 46%, 52%
HSV	210°, 59%, 74%
XYZ	20.8742, 22.3485, 51.8922
YIQ	123.3410, -51.9480, 5.3320

Conversions

Conversions Part 2

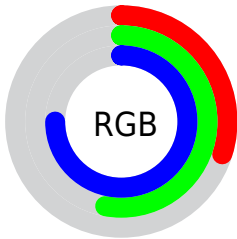
Format	Color
R_{YB}	77, 115, 190
Decimal	5080766
CIE _{Lab}	54.39, -1.76, -34.85
CIE _{LCh}	54, 34.897, 267.110
Yxy	22.3485, 0.2195, 0.2350
Android (android.graphics.Color)	4283270846 (0xFF4D86BE)
YUV	123.3410, 32.8629, -40.6411
Hunter-Lab	47.2742, -3.9120, -31.9899

Details

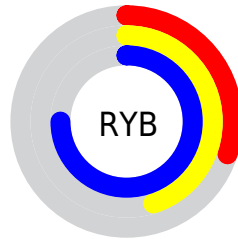
The YIQ color **123.3410, -51.9480, 5.3320** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **143.6590, 51.9480, -5.3320**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.9930, -50.8480, 7.4240**, and **65.3990, -67.0310, -2.1590** is the 20% darker color. If you saturate the color by 10%, you get **112.3770, -60.7970, 6.0110**, and if you desaturate by 10%, it is **134.3050, -43.0990, 4.6530**.

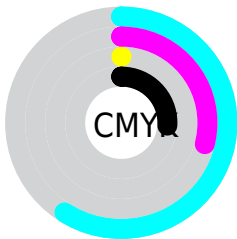
Distribution



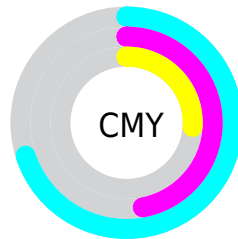
- Red (30%)
- Green (53%)
- Blue (75%)



- Red (30%)
- Yellow (45%)
- Blue (75%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3410, -51.9480, 5.3320 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 123.3410, -51.9480, 5.3320 by changing the saturation by 10% instead.

■ 123.3410,
-51.9480, 5.3320

■ 123.3410,
-51.9480, 5.3320

■ 255.0000, -0.0000,
-0.0000

■ 96.3190, -54.8820,
3.4380

■ 177.9930,
-50.8480, 7.4240

■ 65.3990, -67.0310,
-2.1590

■ 204.0120,
-43.8320, 1.4160

■ 49.0480, -52.6810,
2.0950

■ 229.1190,
-34.2480, -7.0800

■ 33.2840, -38.6060,
5.8260

■ 244.8340,
-20.2640, -7.2080

■ 18.8080, -25.4020,
8.8220

■ 253.8040, -2.3840,
-0.8480

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 123.3410,
-51.9480, 5.3320

■ 123.3410,
-51.9480, 5.3320

■ 112.3770,
-60.7970, 6.0110

■ 134.3050,
-43.0990, 4.6530

■ 100.8260,
-69.3710, 7.2130

■ 145.8560,
-34.5250, 3.4510

■ 89.8620, -78.2200,
7.8920

■ 156.8200,
-25.6760, 2.7720

■ 78.3110, -86.7940,
9.0940

■ 168.3710,
-17.1020, 1.5700

■ 78.0120, -87.3900,
8.8820

■ 179.3350, -8.2530,
0.8910

■ 190.2990, 0.5960,
0.2120

■ 201.8500, 9.1700,
-0.9900

■ 212.8140, 18.0190,
-1.6690

■ 224.3650, 26.5930,
-2.8710

Harmonies

Analogous

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



103.8740, -96.8300, -18.2860



123.3410, -51.9480, 5.3320



131.7480, -16.0050, 20.2430

Triad

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



123.3410, -51.9480, 5.3320



131.1650, 48.3680, 15.5040



120.3000, -19.4810, -26.9130

Complementary

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



123.3410, -51.9480, 5.3320



143.6590, 51.9480, -5.3320

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.



125.1480, 10.3660, -22.6740



123.3410, -51.9480, 5.3320



130.1240, 46.4450, 0.7890

Square

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



123.3410, -51.9480, 5.3320



132.8130, 38.0960, 25.4560



127.8630, 33.5180, -12.7380



110.8300, -59.1400, -29.5400

Rectangle

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



123.3410, -51.9480, 5.3320



133.9310, 5.5890, 25.3730



127.8630, 33.5180, -12.7380



122.1010, -8.6150, -25.5990

Sweetspot

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



123.3410, -51.9480, 5.3320



220.9300, -20.1740, 2.1780



149.6010, -48.7300, -41.9940



108.4100, -12.8380, 1.3860



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.3410, -51.9480, 5.3320



143.6060, -80.3750, 8.4010



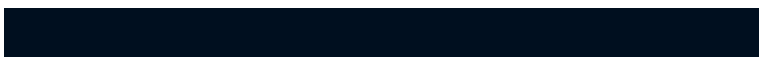
91.0560, -36.8230, 34.0970



88.9610, -4.2640, 0.1840



64.9720, -72.7180, 7.2980



12.3390, -14.0760, 1.7960

Inverse Universe

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



117.2850, 49.0510, 41.6830



134.3570, 76.0520, 64.4680



175.9440, 36.8230, -34.0970



88.2610, 3.7590, 3.4630



56.3620, 68.4880, 58.3760



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 123.3410, -51.9480, 5.3320 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 123.3410, -51.9480, 5.3320 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 123.3410, -51.9480, 5.3320

Background



This preview shows how black text looks on a background with the YIQ color 123.3410, -51.9480, 5.3320.

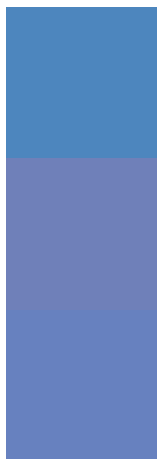


This preview shows how white text looks on a background with the YIQ color 123.3410, -51.9480,

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

123.3410, -51.9480, 5.3320

Protanopia

129.4150, -28.4290, 14.1230

Deuteranopia

128.2940, -35.3980, 13.7700



Tritanopia

118.4480, -51.5320, -13.2280

Trichromacy



Original Color

123.3410, -51.9480, 5.3320

Protanomaly

127.2290, -36.7730, 11.1550

Deuteranomaly

126.7770, -41.3120, 10.8160

Tritanomaly

119.9630, -51.3040, -6.3440

Monochromacy



Original Color

123.3410, -51.9480, 5.3320

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0010, -18.9360, 1.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3410, -51.9480, 5.3320 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(77, 134, 190)` looks like.

```
.text, #text, p{  
    color:rgb(77, 134, 190)  
}
```

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(77, 134, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 134, 190) }
```

Border

The CSS property to change the border of an element to YIQ 123.3410, -51.9480, 5.3320 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(77, 134, 190) }
```


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

```
.border{ border-color:rgb(77, 134, 190) }
```

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

Here you see how a box with a 4 pixel rgb(77, 134, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 134, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 134, 190);  
box-shadow:4px 4px 4px 4px rgb(77, 134,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3410, -51.9480, 5.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 134, 190) }
```

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

```
.background{ background-color: rgb(77, 134,  
190) }
```

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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