

Converting Colors

YIQ(118.4250, -51.5840,
20.7680)

Have a look what the booklet for
YIQ(118.4250, -51.5840, 20.7680)
contains.

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Color

**YIQ(118.4250, -51.5840,
20.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	5277D3
RGB	82, 119, 211
RGB Percent	32%, 47%, 83%
CMY	0.6784, 0.5333, 0.1728
CMYK	0.61, 0.44, 0.00, 0.17
HSL	223°, 59%, 57%
HSV	223°, 61%, 83%
XYZ	21.8267, 19.6905, 64.2320
YIQ	118.4250, -51.5840, 20.7680

Conversions

Conversions Part 2

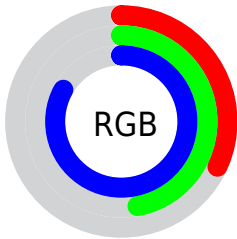
Format	Color
R _Y B	82, 111, 211
Decimal	5404627
CIE Lab	51.49, 15.30, -51.38
CIE LCh	51, 53.612, 286.583
Yxy	19.6905, 0.2064, 0.1862
Android (android.graphics.Color)	4283594707 (0xFF5277D3)
YUV	118.4250, 45.6395, -31.9447
Hunter-Lab	44.3740, 10.1463, -54.7614

Details

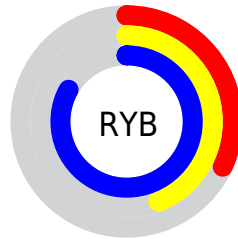
The YIQ color **118.4250, -51.5840, 20.7680** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **174.5750, 51.5840, -20.7680**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.6060, -44.8440, 19.7640**, and **59.4610, -69.6010, 11.3830** is the 20% darker color. If you saturate the color by 10%, you get **103.3410, -59.9750, 24.1610**, and if you desaturate by 10%, it is **133.5090, -43.1930, 17.3750**.

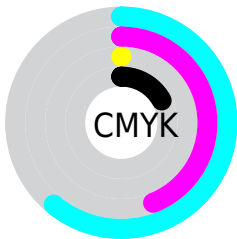
Distribution



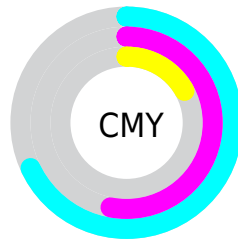
- Red (32%)
- Green (47%)
- Blue (83%)



- Red (32%)
- Yellow (44%)
- Blue (83%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)



- Cyan (68%)
- Magenta (53%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4250, -51.5840, 20.7680 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 118.4250, -51.5840, 20.7680 by changing the saturation by 10% instead.

■ 118.4250,
-51.5840, 20.7680

■ 118.4250,
-51.5840, 20.7680

■ 255.0000, -0.0000,
-0.0000

■ 91.2780, -55.6640,
17.6160

■ 171.6060,
-44.8440, 19.7640

■ 59.4610, -69.6010,
11.3830

■ 196.4250,
-34.3890, 12.0030

■ 44.0560, -55.1590,
13.9690

■ 221.5320,
-24.8050, 3.5070

■ 29.3520, -41.3130,
16.3430

■ 246.9380,
-14.6250, -4.7770

■ 10.7670, -26.1840,
23.0000

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 118.4250,
-51.5840, 20.7680

■ 118.4250,
-51.5840, 20.7680

■ 103.3410,
-59.9750, 24.1610

■ 133.5090,
-43.1930, 17.3750

■ 88.2570, -68.3660,
27.5540

■ 148.5930,
-34.8020, 13.9820

■ 73.1730, -76.7570,
30.9470

■ 163.6770,
-26.4110, 10.5890

■ 59.8610, -84.5060,
33.7180

■ 178.7610,
-18.0200, 7.1960

■ 193.8450, -9.6290,
3.8030

■ 209.2280, -0.6420,
0.6220

■ 224.3120, 7.7490,
-2.7710

■ 239.3960, 16.1400,
-6.1640

■ 249.3970, 14.3990,
-13.1610

Harmonies

Analogous

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



102.8260, -104.9020, -4.1500



118.4250, -51.5840, 20.7680



126.2600, 6.6410, 39.3530

Triad

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



118.4250, -51.5840, 20.7680



119.3830, 70.8810, 9.4810



95.3410, -71.4250, -43.6890

Complementary

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



118.4250, -51.5840, 20.7680



174.5750, 51.5840, -20.7680

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.



107.7220, -15.3980, -40.3420



118.4250, -51.5840, 20.7680



117.9180, 58.0480, -16.7680

Square

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



118.4250, -51.5840, 20.7680



119.8400, 68.9970, 32.6210



114.1220, 30.4500, -34.2380



101.8730, -87.0620, -30.1180

Rectangle

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



118.4250, -51.5840, 20.7680



124.9230, 35.5710, 43.6910



114.1220, 30.4500, -34.2380



92.9300, -66.0140, -48.1420

Sweetspot

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



118.4250, -51.5840, 20.7680



221.8750, -18.3410, 7.5070



167.9830, -64.3650, -39.4770



107.5890, -11.7840, 4.3120



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.



118.4250, -51.5840, 20.7680



121.3150, -74.2810, 30.1270



104.4800, -25.9130, 45.6310



97.0150, -4.3560, 1.8520



47.3280, -67.1280, 27.1440



11.7180, -16.4610, 6.4750

Inverse Universe

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



124.7890, 65.0070, 38.8550



130.6560, 93.8430, 55.9150



188.5200, 25.9130, -45.6310



97.6310, 5.5930, 3.2650



55.7040, 84.7200, 50.5440



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 118.4250, -51.5840, 20.7680 looks on a white background.

Color Contrast Check

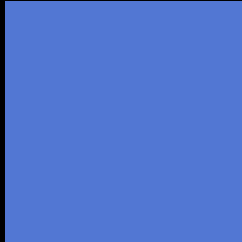
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4250, -51.5840, 20.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

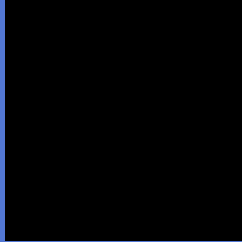
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.4250, -51.5840, 20.7680

Background



This preview shows how black text looks on a background with the YIQ color 118.4250, -51.5840, 20.7680.



This preview shows how white text looks on a background with the YIQ color 118.4250, -51.5840,

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

118.4250, -51.5840, 20.7680

Protanopia

118.1260, -52.1800, 20.5560

Deuteranopia

112.5860, -68.4550, 12.6410



Tritanopia

110.1380, -53.5950, -14.3870

Trichromacy



Original Color

118.4250, -51.5840, 20.7680

Protanomaly

118.1260, -52.1800, 20.5560

Deuteranomaly

114.9890, -62.2200, 15.2840

Tritanomaly

113.5270, -52.7720, -1.7640

Monochromacy



Original Color

118.4250, -51.5840, 20.7680

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9890, -18.6620, 7.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4250, -51.5840, 20.7680 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(82, 119, 211)` looks like.

```
.text, #text, p{  
    color:rgb(82, 119, 211)  
}
```

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(82, 119, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 119, 211) }
```

Border

The CSS property to change the border of an element to YIQ 118.4250, -51.5840, 20.7680 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(82, 119, 211) }
```


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

```
.border{ border-color:rgb(82, 119, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 119, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 119, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 119, 211);  
box-shadow:4px 4px 4px 4px rgb(82, 119,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4250, -51.5840, 20.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 119, 211) }
```

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

```
.background{ background-color: rgb(82, 119,  
211) }
```

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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