

Converting Colors

YIQ(115.8830, -47.1820,
18.0820)

Have a look what the booklet for
YIQ(115.8830, -47.1820, 18.0820)
contains.

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Color

**YIQ(115.8830, -47.1820,
18.0820)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5275C7 |
| RGB | 82, 117, 199 |
| RGB Percent | 32%, 46%, 78% |
| CMY | 0.6784, 0.5411, 0.2199 |
| CMYK | 0.59, 0.41, 0.00, 0.22 |
| HSL | 222°, 51%, 55% |
| HSV | 222°, 59%, 78% |
| XYZ | 20.1434, 18.6401, 56.5301 |
| YIQ | 115.8830, -47.1820, 18.0820 |

Conversions

Conversions Part 2

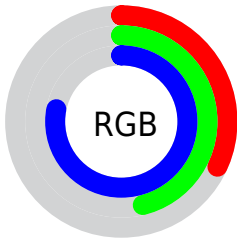
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 82, 109, 199 |
| Decimal | 5404103 |
| CIE Lab | 50.26, 12.49, -46.50 |
| CIE LCh | 50, 48.145, 285.031 |
| Yxy | 18.6401, 0.2113, 0.1956 |
| Android (android.graphics.Color) | 4283594183 (0xFF5275C7) |
| YUV | 115.8830, 40.9767, -29.7154 |
| Hunter-Lab | 43.1742, 7.7263, -47.4095 |

Details

The YIQ color **115.8830, -47.1820, 18.0820** 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 **165.1170, 47.1820, -18.0820**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1330, -44.8900, 20.5980**, and **57.2180, -64.6030, 8.9090** is the 20% darker color. If you saturate the color by 10%, you get **101.6850, -55.2520, 21.1640**, and if you desaturate by 10%, it is **130.0810, -39.1120, 15.0000**.

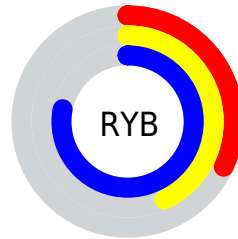
Distribution



Red (32%)

Green (46%)

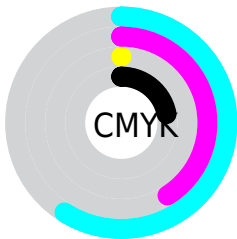
Blue (78%)



Red (32%)

Yellow (43%)

Blue (78%)

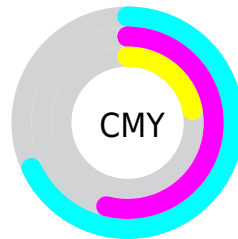


Cyan (59%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (68%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8830, -47.1820, 18.0820 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 115.8830, -47.1820, 18.0820 by changing the saturation by 10% instead.

■ 115.8830,
-47.1820, 18.0820

■ 115.8830,
-47.1820, 18.0820

■ 255.0000, -0.0000,
-0.0000

■ 89.3340, -50.0700,
15.3540

■ 170.1330,
-44.8900, 20.5980

■ 57.2180, -64.6030,
8.9090

■ 194.6530,
-35.0310, 12.6250

■ 41.6280, -51.0780,
11.5940

■ 219.7600,
-25.4470, 4.1290

■ 27.0380, -37.5530,
14.2790

■ 244.8670,
-15.8630, -4.3670

■ 7.8660, -22.1490,
21.4590

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 115.8830,
-47.1820, 18.0820

■ 115.8830,
-47.1820, 18.0820

■ 101.6850,
-55.2520, 21.1640

■ 130.0810,
-39.1120, 15.0000

■ 87.4870, -63.3220,
24.2460

■ 144.2790,
-31.0420, 11.9180

■ 73.2890, -71.3920,
27.3280

■ 158.4770,
-22.9720, 8.8360

■ 59.0910, -79.4620,
30.4100

■ 172.6750,
-14.9020, 5.7540

■ 57.9060, -80.3790,
30.5090

■ 186.5740, -7.4280,
2.4600

■ 200.7720, 0.6420,
-0.6220

■ 214.9700, 8.7120,
-3.7040

■ 229.1680, 16.7820,
-6.7860

■ 240.9850, 21.5510,
-10.6170

Harmonies

Analogous

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



98.9960, -99.6290, -6.1010



115.8830, -47.1820, 18.0820



123.2440, 3.5700, 34.4340

Triad

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



115.8830, -47.1820, 18.0820



117.6750, 64.1870, 9.6510



92.0640, -69.0870, -42.0070

Complementary

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



115.8830, -47.1820, 18.0820



165.1170, 47.1820, -18.0820

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.



107.1080, -10.4930, -35.6210



115.8830, -47.1820, 18.0820



116.2150, 52.9580, -12.6260

Square

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



115.8830, -47.1820, 18.0820



118.5400, 60.9740, 29.3420



113.0280, 28.0190, -28.7250



98.1400, -83.4400, -29.6800

Rectangle

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



115.8830, -47.1820, 18.0820



122.2380, 30.0700, 38.7580



113.0280, 28.0190, -28.7250



95.5620, -52.9940, -41.8100

Sweetspot

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



115.8830, -47.1820, 18.0820



222.4620, -18.6160, 6.9840



160.0270, -58.4970, -35.6890



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.



115.8830, -47.1820, 18.0820



126.3320, -72.9510, 28.0490



102.2150, -23.8490, 41.2630



92.2000, -3.4390, 1.7530



47.3450, -65.7980, 25.0660



10.5610, -14.5810, 5.4430

Inverse Universe

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



120.9730, 58.4970, 35.6890



134.2750, 90.5420, 55.1660



178.7850, 23.8490, -41.2630



92.9190, 4.7220, 2.5300



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 115.8830, -47.1820, 18.0820 looks on a white background.

Color Contrast Check

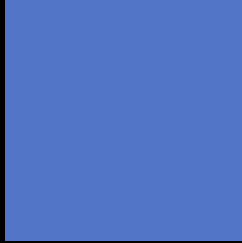
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8830, -47.1820, 18.0820 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 115.8830, -47.1820, 18.0820

Background



This preview shows how black text looks on a background with the YIQ color 115.8830, -47.1820, 18.0820.

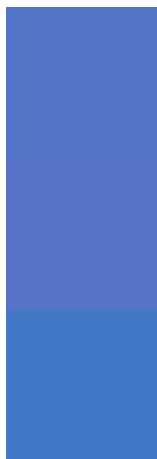


This preview shows how white text looks on a background with the YIQ color 115.8830, -47.1820, 18.0820.

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

115.8830, -47.1820, 18.0820

Protanopia

116.0790, -44.7980, 18.9300

Deuteranopia

112.7460, -57.2220, 12.8100



Tritanopia

109.3130, -46.7180, -12.3660

Trichromacy



Original Color

115.8830, -47.1820, 18.0820

Protanomaly

115.7800, -45.3940, 18.7180

Deuteranomaly

113.9530, -53.3710, 14.6050

Tritanomaly

111.4630, -46.7200, -1.3120

Monochromacy



Original Color

115.8830, -47.1820, 18.0820

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8320, -16.7820, 6.7860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8830, -47.1820, 18.0820 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, 117, 199)` looks like.

```
.text, #text, p{  
    color:rgb(82, 117, 199)  
}
```

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, 117, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 117, 199) }
```

Border

The CSS property to change the border of an element to YIQ 115.8830, -47.1820, 18.0820 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, 117, 199) }
```


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

```
.border{ border-color:rgb(82, 117, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 117, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 117, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 117, 199);  
box-shadow:4px 4px 4px 4px rgb(82, 117,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8830, -47.1820, 18.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 117, 199) }
```

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

```
.background{ background-color: rgb(82, 117,  
199) }
```

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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