

Converting Colors

YIQ(119.6780, -45.3470,
12.3570)

Have a look what the booklet for
YIQ(119.6780, -45.3470, 12.3570)
contains.

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Color

**YIQ(119.6780, -45.3470,
12.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	547CBF
RGB	84, 124, 191
RGB Percent	33%, 49%, 75%
CMY	0.6706, 0.5137, 0.2512
CMYK	0.56, 0.35, 0.00, 0.25
HSL	218°, 45%, 54%
HSV	218°, 56%, 75%
XYZ	20.2622, 20.0627, 52.0607
YIQ	119.6780, -45.3470, 12.3570

Conversions

Conversions Part 2

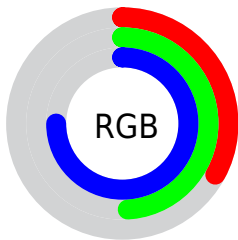
Format	Color
R_{YB}	84, 113, 191
Decimal	5536959
CIE _{Lab}	51.91, 5.98, -39.31
CIE _{LCh}	52, 39.761, 278.653
Yxy	20.0627, 0.2193, 0.2172
Android (android.graphics.Color)	4283727039 (0xFF547CBF)
YUV	119.6780, 35.1617, -31.2896
Hunter-Lab	44.7914, 2.3625, -37.5582

Details

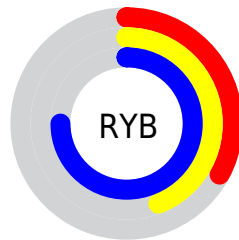
The YIQ color **119.6780, -45.3470, 12.3570** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **155.3220, 45.3470, -12.3570**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4440, -44.5680, 14.7600**, and **65.0140, -55.3410, 6.2510** is the 20% darker color. If you saturate the color by 10%, you get **106.9530, -53.3710, 14.6050**, and if you desaturate by 10%, it is **132.4030, -37.3230, 10.1090**.

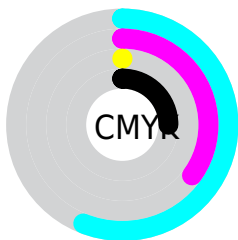
Distribution



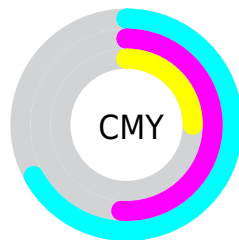
- Red (33%)
- Green (49%)
- Blue (75%)



- Red (33%)
- Yellow (44%)
- Blue (75%)



- Cyan (56%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6780, -45.3470, 12.3570 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 119.6780, -45.3470, 12.3570 by changing the saturation by 10% instead.

■ 119.6780,
-45.3470, 12.3570

■ 119.6780,
-45.3470, 12.3570

■ 255.0000, -0.0000,
-0.0000

■ 92.9550, -47.6850,
10.6750

■ 173.4440,
-44.5680, 14.7600

■ 65.0140, -55.3410,
6.2510

■ 199.3490,
-37.2310, 8.4410

■ 43.7650, -50.2060,
6.8020

■ 224.4560,
-27.6470, -0.0550

■ 29.1750, -36.6810,
9.4870

■ 246.6280,
-16.6880, -5.9360

■ 11.8780, -22.4230,
15.4090

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 119.6780,
-45.3470, 12.3570

■ 119.6780,
-45.3470, 12.3570

■ 106.9530,
-53.3710, 14.6050

■ 132.4030,
-37.3230, 10.1090

■ 94.2280, -61.3950,
16.8530

■ 145.1280,
-29.2990, 7.8610

■ 81.5030, -69.4190,
19.1010

■ 157.8530,
-21.2750, 5.6130

■ 68.7780, -77.4430,
21.3490

■ 170.5780,
-13.2510, 3.3650

■ 63.4510, -80.8360,
22.2680

■ 183.3030, -5.2270,
1.1170

■ 196.3270, 3.3930,
-0.9190

■ 209.0520, 11.4170,
-3.1670

■ 221.7770, 19.4410,
-5.4150

■ 234.2030, 26.8690,
-7.8750

Harmonies

Analogous

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



99.9760, -96.8770, -11.9250



119.6780, -45.3470, 12.3570



126.8960, -4.4980, 26.4620

Triad

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



119.6780, -45.3470, 12.3570



123.4660, 54.6500, 11.7860



107.1170, -41.0750, -32.0430

Complementary

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



119.6780, -45.3470, 12.3570



155.3220, 45.3470, -12.3570

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.



115.8260, -0.5910, -27.8470



119.6780, -45.3470, 12.3570



122.2070, 47.4090, -5.6710

Square

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



119.6780, -45.3470, 12.3570



125.0870, 49.0080, 25.9360



119.8960, 28.7510, -19.9610



97.9290, -81.4680, -32.3800

Rectangle

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



119.6780, -45.3470, 12.3570



127.7370, 18.0590, 30.6590



119.8960, 28.7510, -19.9610



111.2560, -25.3490, -30.7010

Sweetspot

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



119.6780, -45.3470, 12.3570



219.1800, -17.8820, 4.6940



154.3330, -50.6110, -35.4350



108.1330, -10.5000, 3.0680



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.



119.6780, -45.3470, 12.3570



137.2040, -70.0150, 18.8890



99.7860, -27.1950, 35.8210



87.7870, -3.7140, 1.2300



52.6450, -66.9430, 18.2810



9.9910, -12.9760, 3.8880

Inverse Universe

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



120.5530, 50.9320, 35.1240



138.4030, 78.4380, 54.2620



174.9150, 26.5990, -36.0330



88.0330, 4.4010, 2.8410



53.9680, 75.2290, 51.8450



10.5230, 14.9450, 9.9930

Previews

White Background



This preview shows how the YIQ color 119.6780, -45.3470, 12.3570 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 119.6780, -45.3470, 12.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

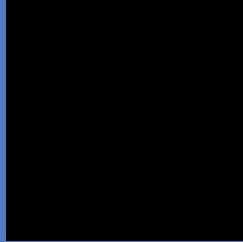
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.6780, -45.3470, 12.3570

Background



This preview shows how black text looks on a background with the YIQ color 119.6780, -45.3470, 12.3570.



This preview shows how white text looks on a background with the YIQ color 119.6780, -45.3470, 12.3570.

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

119.6780, -45.3470, 12.3570

Protanopia

122.0600, -34.6190, 16.1730

Deuteranopia

120.2870, -42.6880, 13.7280



Tritanopia

114.2210, -43.4630, -10.7830

Trichromacy



Original Color

119.6780, -45.3470, 12.3570

Protanomaly

121.2660, -38.1950, 14.9010

Deuteranomaly

119.9880, -43.2840, 13.5160

Tritanomaly

116.4910, -43.9230, -2.4430

Monochromacy



Original Color

119.6780, -45.3470, 12.3570

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.6640, -16.3690, 4.8070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6780, -45.3470, 12.3570 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(84, 124, 191)` looks like.

```
.text, #text, p{  
    color:rgb(84, 124, 191)  
}
```

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(84, 124, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 191) }
```

Border

The CSS property to change the border of an element to YIQ 119.6780, -45.3470, 12.3570 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(84, 124, 191) }
```


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

```
.border{ border-color:rgb(84, 124, 191) }
```

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

Here you see how a box with a 4 pixel rgb(84, 124, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 191);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6780, -45.3470, 12.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 191) }
```

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

```
.background{ background-color: rgb(84, 124,  
191) }
```

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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