

Converting Colors

YIQ(108.3680, -19.9060,
41.3900)

Have a look what the booklet for
YIQ(108.3680, -19.9060, 41.3900)
contains.

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Color

**YIQ(108.3680, -19.9060,
41.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	7357C9
RGB	115, 87, 201
RGB Percent	45%, 34%, 79%
CMY	0.5489, 0.6589, 0.2119
CMYK	0.43, 0.57, 0.00, 0.21
HSL	255°, 51%, 56%
HSV	255°, 57%, 79%
XYZ	21.0197, 14.6768, 56.9571
YIQ	108.3680, -19.9060, 41.3900

Conversions

Conversions Part 2

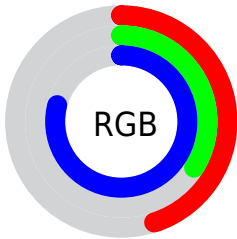
Format	Color
R _Y B	115, 87, 201
Decimal	7559113
CIE Lab	45.19, 38.62, -55.65
CIE LCh	45, 67.741, 304.762
Yxy	14.6768, 0.2269, 0.1584
Android (android.graphics.Color)	4285749193 (0xFF7357C9)
YUV	108.3680, 45.6676, 5.8163
Hunter-Lab	38.3103, 30.8946, -61.3310

Details

The YIQ color **108.3680, -19.9060, 41.3900** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **179.6320, 19.9060, -41.3900**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5040, -17.2930, 43.5950**, and **57.4660, -23.2980, 36.7820** is the 20% darker color. If you saturate the color by 10%, you get **92.1430, -23.3460, 48.6700**, and if you desaturate by 10%, it is **124.5930, -16.4660, 34.1100**.

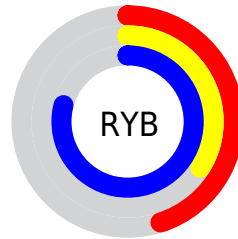
Distribution



Red (45%)

Green (34%)

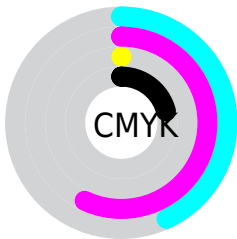
Blue (79%)



Red (45%)

Yellow (34%)

Blue (79%)

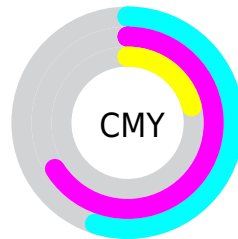


Cyan (43%)

Magenta (57%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.3680, -19.9060, 41.3900 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 108.3680, -19.9060, 41.3900 by changing the saturation by 10% instead.

■ 108.3680,
-19.9060, 41.3900

■ 108.3680,
-19.9060, 41.3900

■ 255.0000, -0.0000,
-0.0000

■ 82.7160, -21.0060,
39.2980

■ 161.5040,
-17.2930, 43.5950

■ 57.4660, -23.2980,
36.7820

■ 185.1380, -7.7550,
35.9330

■ 30.8350, -28.8910,
33.5170

■ 210.5440, 2.4250,
27.6490

■ 10.7160, -30.1740,
29.2340

■ 234.4550, 9.6250,
18.3050

■ 7.9800, -22.4700,
21.7700

■ 250.8910, 1.9250,
3.6610

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 108.3680,
-19.9060, 41.3900

■ 108.3680,
-19.9060, 41.3900

■ 92.1430, -23.3460,
48.6700

■ 124.5930,
-16.4660, 34.1100

■ 75.9180, -26.7860,
55.9500

■ 140.8180,
-13.0260, 26.8300

■ 59.6930, -30.2260,
63.2300

■ 157.0430, -9.5860,
19.5500

■ 43.1690, -34.2620,
70.2980

■ 173.5670, -5.5500,
12.4820

■ 37.5650, -35.3170,
72.8990

■ 189.7920, -2.1100,
5.2020

■ 206.6040, 1.0550,
-2.6010

■ 222.8290, 4.4950,
-9.8810

■ 239.0540, 7.9350,
-17.1610

■ 247.6480, 14.9500,
-17.6420

Harmonies

Analogous

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



90.9380, -101.7410, 10.1550



108.3680, -19.9060, 41.3900



102.7150, 42.6290, 58.9570

Triad

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



108.3680, -19.9060, 41.3900



99.8280, 76.1570, -9.0510



90.0070, -72.9400, -32.7480

Complementary

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



108.3680, -19.9060, 41.3900



179.6320, 19.9060, -41.3900

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.



81.4060, -52.8550, -49.8390



108.3680, -19.9060, 41.3900



99.8740, 43.0120, -30.6200

Square

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



108.3680, -19.9060, 41.3900



95.8450, 87.7960, 27.8280



89.2660, 3.0810, -50.3510



96.2770, -90.5950, -15.6430

Rectangle

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



108.3680, -19.9060, 41.3900



92.7370, 71.9260, 62.1500



89.2660, 3.0810, -50.3510



87.7270, -66.5200, -38.9680

Sweetspot

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



108.3680, -19.9060, 41.3900



219.8920, -7.8430, 15.4930



151.0650, -60.5190, -10.0470



106.7580, -4.7700, 9.3580



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.



108.3680, -19.9060, 41.3900



114.2800, -30.5010, 62.7070



125.1120, 13.4700, 53.2620



91.6240, -1.6970, 3.2230



30.5420, -28.4830, 59.1730



6.7950, -6.1920, 13.1040

Inverse Universe

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



130.8900, 40.3380, 50.9140



148.5470, 61.3780, 77.1060



162.8880, -13.4700, -53.2620



93.4890, 3.1170, 4.0850



62.7590, 57.6650, 72.8090



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 108.3680, -19.9060, 41.3900 looks on a white 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

Black Background



This preview shows how the YIQ color 108.3680, -19.9060, 41.3900 looks on a black 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

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

YIQ 108.3680, -19.9060, 41.3900

Background



This preview shows how black text looks on a background with the YIQ color 108.3680, -19.9060, 41.3900.



This preview shows how white text looks on a background with the YIQ color 108.3680, -19.9060,

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

108.3680, -19.9060, 41.3900

Protanopia

89.7980, -89.3630, 17.1090

Deuteranopia

85.8710, -91.6070, 2.7050



Tritanopia

105.8400, -11.2330, -0.1690

Trichromacy



Original Color

108.3680, -19.9060, 41.3900

Protanomaly

96.3560, -64.3310, 26.0130

Deuteranomaly

94.0750, -65.3380, 16.7260

Tritanomaly

106.6570, -14.4910, 14.8290

Monochromacy



Original Color

108.3680, -19.9060, 41.3900

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0770, -6.9260, 15.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.3680, -19.9060, 41.3900 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(115, 87, 201)` looks like.

```
.text, #text, p{  
    color:rgb(115, 87, 201)  
}
```

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(115, 87, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 87, 201) }
```

Border

The CSS property to change the border of an element to YIQ 108.3680, -19.9060, 41.3900 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(115, 87, 201) }
```


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

```
.border{ border-color:rgb(115, 87, 201) }
```

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

Here you see how a box with a 4 pixel rgb(115, 87, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 87, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 87, 201);  
box-shadow:4px 4px 4px 4px rgb(115, 87,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 108.3680, -19.9060, 41.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 87, 201) }
```

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

```
.background{ background-color: rgb(115, 87,  
201) }
```

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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