

Converting Colors

YIQ(30.5460, -60.6690, 58.7790)

Have a look what the booklet for
YIQ(30.5460, -60.6690, 58.7790)
contains.

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Color

**YIQ(30.5460, -60.6690,
58.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	0909C6
RGB	9, 9, 198
RGB Percent	4%, 4%, 78%
CMY	0.9644, 0.9648, 0.2239
CMYK	0.95, 0.95, 0.00, 0.22
HSL	240°, 91%, 41%
HSV	240°, 95%, 78%
XYZ	10.3924, 4.3263, 53.6537
YIQ	30.5460, -60.6690, 58.7790

Conversions

Conversions Part 2

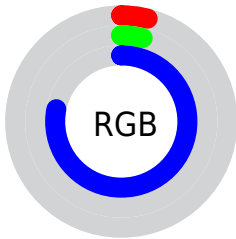
Format	Color
R _Y B	9, 9, 198
Decimal	592326
CIE Lab	24.72, 63.56, -87.76
CIE LCh	25, 108.361, 305.915
Yxy	4.3263, 0.1520, 0.0633
Android (android.graphics.Color)	4278782406 (0xFF0909C6)
YUV	30.5460, 82.5548, -18.8958
Hunter-Lab	20.7998, 52.7858, -138.3805

Details

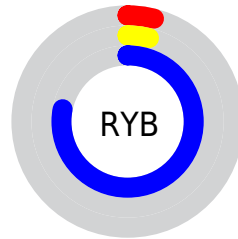
The YIQ color **30.5460, -60.6690, 58.7790** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **176.4540, 60.6690, -58.7790**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.0930, -37.1040, 66.7360**, and **16.1880, -45.5820, 44.1620** is the 20% darker color. If you saturate the color by 10%, you get **22.5720, -63.5580, 61.5780**, and if you desaturate by 10%, it is **48.2660, -54.2490, 52.5590**.

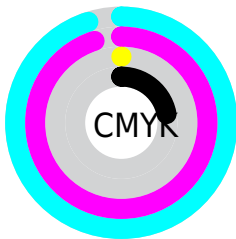
Distribution



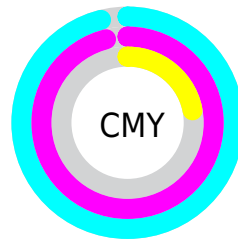
- Red (4%)
- Green (4%)
- Blue (78%)



- Red (4%)
- Yellow (4%)
- Blue (78%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (96%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.5460, -60.6690, 58.7790 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 30.5460, -60.6690, 58.7790 by changing the saturation by 10% instead.

■ 30.5460, -60.6690,
58.7790

■ 30.5460, -60.6690,
58.7790

■ 255.0000, -0.0000,
-0.0000

■ 19.3800, -54.5700,
52.8700

■ 100.0930,
-37.1040, 66.7360

■ 16.1880, -45.5820,
44.1620

■ 125.2220,
-24.5860, 60.1340

■ 13.2240, -37.2360,
36.0760

■ 150.0520,
-12.6640, 53.3200

■ 17.8910, -32.4650,
21.1910

■ 175.1700, -1.6130,
45.7710

■ 11.5190, -22.7900,
16.5540

■ 200.5870, 10.0340,
38.4340

■ 6.5490, -14.3070,
11.4930

■ 223.8890, 14.5750,


■ 2.8670, -6.6950,


27.7190


5.6970


 240.3250, 6.8750,
13.0750


 0.0000, 0.0000,
0.0000


 30.5460, -60.6690,
58.7790


 30.5460, -60.6690,
58.7790


 22.5720, -63.5580,
61.5780

 48.2660, -54.2490,
52.5590

 65.9860, -47.8290,
46.3390

 82.8200, -41.7300,
40.4300

 100.5400,
-35.3100, 34.2100

 118.2600,
-28.8900, 27.9900

■ 135.9800,
-22.4700, 21.7700

■ 153.7000,
-16.0500, 15.5500

■ 170.5340, -9.9510,
9.6410

■ 188.2540, -3.5310,
3.4210

Harmonies

Analogous

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



68.7120, -94.2720, 34.4960



30.5460, -60.6690, 58.7790



61.8340, 53.0800, 73.3040

Triad

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



30.5460, -60.6690, 58.7790



42.3480, 69.9620, 20.6340



56.5700, -46.3040, -19.8720

Complementary

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



30.5460, -60.6690, 58.7790



176.4540, 60.6690, -58.7790

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.



46.9600, -22.0000, -41.8400



30.5460, -60.6690, 58.7790



53.7360, 17.5180, -20.1300

Square

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



30.5460, -60.6690, 58.7790



49.6340, 98.9360, 35.1920



44.0250, -20.6250, -39.2250



67.7930, -73.7720, 4.3720

Rectangle

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



30.5460, -60.6690, 58.7790



62.5550, 84.1220, 61.3860



44.0250, -20.6250, -39.2250



52.6770, -36.7200, -28.3680

Sweetspot

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



30.5460, -60.6690, 58.7790



189.4360, -23.7540, 23.0140



141.4890, -112.6440, -40.0680



88.1300, -14.4450, 13.9950



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.



30.5460, -60.6690, 58.7790



29.0700, -81.8550, 79.3050



58.6520, -4.6450, 78.7070



91.0260, -2.8890, 2.7990



18.5820, -52.3230, 50.6930



4.1040, -11.5560, 11.1960

Inverse Universe

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



87.0570, 51.9750, 98.8470



105.3150, 70.1250, 133.3650



148.0490, 4.0490, -78.9190



93.7170, 2.4750, 4.7070



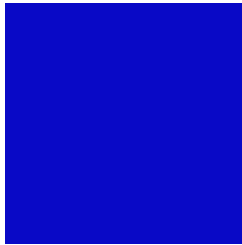
67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 30.5460, -60.6690, 58.7790 looks on a white background.

Color Contrast Check

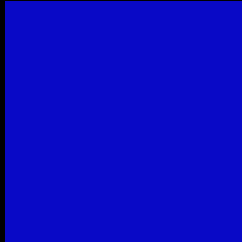
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 30.5460, -60.6690, 58.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

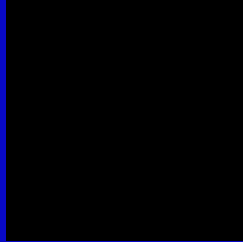
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.5460, -60.6690, 58.7790

Background



This preview shows how black text looks on a background with the YIQ color 30.5460, -60.6690, 58.7790.



This preview shows how white text looks on a background with the YIQ color 30.5460, -60.6690,

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

30.5460, -60.6690, 58.7790

Protanopia

47.9540, -55.1120, 7.6080

Deuteranopia

48.1360, -50.1130, -0.3930



Tritanopia

47.3090, -40.8950, -13.2710

Trichromacy



Original Color

30.5460, -60.6690, 58.7790

Protanomaly

41.4770, -57.3620, 26.3660

Deuteranomaly

41.8700, -54.3350, 21.0650

Tritanomaly

41.2370, -48.4190, 12.9650

Monochromacy



Original Color

30.5460, -60.6690, 58.7790

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.8660, -22.1490, 21.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5460, -60.6690, 58.7790 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(9, 9, 198)` looks like.

```
.text, #text, p{  
    color:rgb(9, 9, 198)  
}
```

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(9, 9, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 9, 198) }
```

Border

The CSS property to change the border of an element to YIQ 30.5460, -60.6690, 58.7790 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(9, 9, 198) }
```


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

```
.border{ border-color:rgb(9, 9, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 9, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 9, 198); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 9, 198); box-shadow:4px  
4px 4px 4px rgb(9, 9, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 30.5460, -60.6690, 58.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 9, 198) }
```

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

```
.background{ background-color: rgb(9, 9,  
198) }
```

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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