

Converting Colors

YIQ(71.5590, 31.3180, -16.9220)

Have a look what the booklet for
YIQ(71.5590, 31.3180, -16.9220)
contains.

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Color

**YIQ(71.5590, 31.3180,
-16.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4A08
RGB	91, 74, 8
RGB Percent	36%, 29%, 3%
CMY	0.6431, 0.7098, 0.9684
CMYK	0.00, 0.19, 0.91, 0.64
HSL	48°, 84%, 19%
HSV	48°, 91%, 36%
XYZ	6.8067, 7.1383, 1.2501
YIQ	71.5590, 31.3180, -16.9220

Conversions

Conversions Part 2

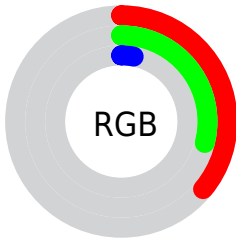
Format	Color
R_{YB}	29, 91, 8
Decimal	5982728
CIE _{Lab}	32.12, 0.22, 37.85
CIE _{LCh}	32, 37.847, 89.662
Yxy	7.1383, 0.4480, 0.4698
Android (android.graphics.Color)	4284172808 (0xFF5B4A08)
YUV	71.5590, -31.3346, 17.0498
Hunter-Lab	26.7177, -1.2804, 15.9283

Details

The YIQ color **71.5590, 31.3180, -16.9220** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27.4410, -31.3180, 16.9220**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2820, 33.6560, -15.2400**, and **30.4560, 15.9110, -7.5210** is the 20% darker color. If you saturate the color by 10%, you get **69.4730, 34.4360, -18.3640**, and if you desaturate by 10%, it is **73.7590, 27.8790, -15.1690**.

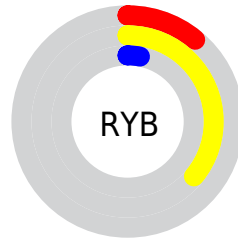
Distribution



Red (36%)

Green (29%)

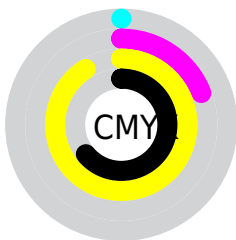
Blue (3%)



Red (11%)

Yellow (36%)

Blue (3%)

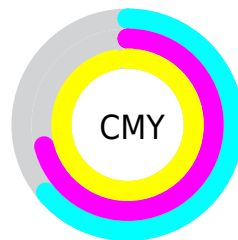


Cyan (0%)

Magenta (19%)

Yellow (91%)

Black (64%)



Cyan (64%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.5590, 31.3180, -16.9220 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 71.5590, 31.3180, -16.9220 by changing the saturation by 10% instead.

71.5590, 31.3180,
-16.9220

71.5590, 31.3180,
-16.9220

253.7460, 3.5310,
-3.4210

50.2580, 25.0360,
-13.2040

121.2820, 33.6560,
-15.2400

30.4560, 15.9110,
-7.5210

147.6520, 35.4900,
-15.4380

7.6970, 5.2270,
-1.1170

174.7230, 36.7280,
-15.8480

0.0000, 0.0000,
0.0000

202.2070, 38.2410,
-15.7350

229.4950, 37.3700,
-16.4700

247.2480, 21.8280,

-21.1480

■ 250.4400, 12.8400,
-12.4400

■ 71.5590, 31.3180,
-16.9220

■ 71.5590, 31.3180,
-16.9220

■ 69.4730, 34.4360,
-18.3640

■ 73.7590, 27.8790,
-15.1690

■ 75.9590, 24.4400,
-13.4160

■ 78.1590, 21.0010,
-11.6630

■ 79.7720, 17.8370,
-9.3870

■ 82.0860, 14.0770,
-7.3230

■ 84.2860, 10.6380,
-5.5700

■ 86.4860, 7.1990,
-3.8170

■ 88.6860, 3.7600,
-2.0640

■ 90.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



73.6890, 43.2360, -1.6280



71.5590, 31.3180, -16.9220



68.5390, 7.7070, -24.0450

Triad

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



71.5590, 31.3180, -16.9220



64.0990, -57.8590, -14.2030



77.5580, 17.0050, 27.7330

Complementary

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



71.5590, 31.3180, -16.9220



27.4410, -31.3180, 16.9220

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.



76.8190, -14.7670, 19.8330



71.5590, 31.3180, -16.9220



64.9600, -64.4170, -5.4810

Square

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



71.5590, 31.3180, -16.9220



61.2660, -48.5040, -24.0560



61.7630, -65.0600, 0.6680



74.6390, 38.6460, 26.5020

Rectangle

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



71.5590, 31.3180, -16.9220



64.9370, -14.0250, -26.6730



61.7630, -65.0600, 0.6680



77.8280, 7.3770, 26.0090

Sweetspot

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



71.5590, 31.3180, -16.9220



109.9440, 11.6010, -6.5030



34.8690, 43.6900, 23.1940



54.4860, 7.1990, -3.8170



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5590, 31.3180, -16.9220



89.5740, 44.1570, -23.8350



74.3620, 12.3390, -30.9010



44.8430, 1.8800, -1.0320



83.9590, 41.6350, -22.1810



181.8060, 89.2770, -48.6030

Inverse Universe

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



27.4410, -31.3180, 16.9220



27.4260, -44.1570, 23.8350



24.6380, -12.3390, 30.9010



42.1570, -1.8800, 1.0320



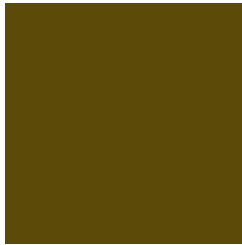
25.4540, -41.3600, 22.7040



55.7810, -89.5520, 48.0800

Previews

White Background



This preview shows how the YIQ color 71.5590, 31.3180, -16.9220 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 71.5590, 31.3180, -16.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

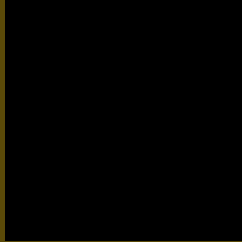
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.5590, 31.3180, -16.9220

Background



This preview shows how black text looks on a background with the YIQ color 71.5590, 31.3180, -16.9220.



This preview shows how white text looks on a background with the YIQ color 71.5590, 31.3180,

-16.9220.

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

71.5590, 31.3180, -16.9220

Protanopia

71.3520, 27.4670, -18.7170

Deuteranopia

72.1080, 34.2060, -14.1940



Tritanopia

77.3440, 13.8910, 7.0670

Trichromacy



Original Color

71.5590, 31.3180, -16.9220

Protanomaly

71.3630, 28.9340, -17.7700

Deuteranomaly

71.9830, 33.0600, -15.4520

Tritanomaly

75.4830, 20.4490, -1.6550

Monochromacy



Original Color

71.5590, 31.3180, -16.9220

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0580, 11.2800, -6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.5590, 31.3180, -16.9220 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(91, 74, 8)` looks like.

```
.text, #text, p{  
    color:rgb(91, 74, 8)  
}
```

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(91, 74, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 74, 8) }
```

Border

The CSS property to change the border of an element to YIQ 71.5590, 31.3180, -16.9220 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(91, 74, 8) }
```


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

```
.border{ border-color:rgb(91, 74, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 74, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 74, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 74, 8); box-shadow:4px  
4px 4px 4px rgb(91, 74, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 71.5590, 31.3180, -16.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 74, 8) }
```

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

```
.background{ background-color: rgb(91, 74,  
8) }
```

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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