

Converting Colors

YIQ(89.0590, 35.9020, -11.8900)

Have a look what the booklet for
YIQ(89.0590, 35.9020, -11.8900)
contains.

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Color

**YIQ(89.0590, 35.9020,
-11.8900)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 74571D |
| RGB | 116, 87, 29 |
| RGB Percent | 45%, 34%, 11% |
| CMY | 0.5451, 0.6589, 0.8861 |
| CMYK | 0.00, 0.25, 0.75, 0.55 |
| HSL | 40°, 60%, 28% |
| HSV | 40°, 75%, 45% |
| XYZ | 10.8331, 10.6169, 2.6438 |
| YIQ | 89.0590, 35.9020, -11.8900 |

Conversions

Conversions Part 2

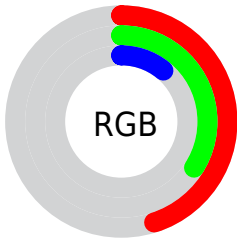
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 73, 116, 29 |
| Decimal | 7624477 |
| CIE _{Lab} | 38.93, 5.67, 36.79 |
| CIE _{LCh} | 39, 37.222, 81.243 |
| Yxy | 10.6169, 0.4496, 0.4406 |
| Android (android.graphics.Color) | 4285814557 (0xFF74571D) |
| YUV | 89.0590, -29.6091, 23.6273 |
| Hunter-Lab | 32.5836, 2.3249, 17.9978 |

Details

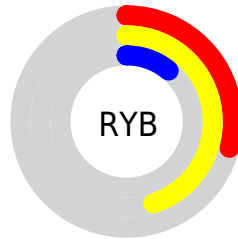
The YIQ color **89.0590, 35.9020, -11.8900** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **55.9410, -35.9020, 11.8900**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.3260, 39.5240, -11.4520**, and **43.7900, 26.5940, -8.3980** is the 20% darker color. If you saturate the color by 10%, you get **85.3430, 40.8540, -13.5300**, and if you desaturate by 10%, it is **92.7750, 30.9500, -10.2500**.

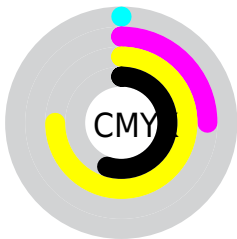
Distribution



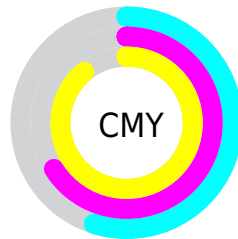
- Red (45%)
- Green (34%)
- Blue (11%)



- Red (29%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (55%)



- Cyan (55%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.0590, 35.9020, -11.8900 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 89.0590, 35.9020, -11.8900 by changing the saturation by 10% instead.

89.0590, 35.9020,
-11.8900

89.0590, 35.9020,
-11.8900

255.0000, -0.0000,
-0.0000

64.9340, 34.7560,
-13.1480

140.3260, 39.5240,
-11.4520

43.7900, 26.5940,
-8.3980

166.6960, 41.3580,
-11.6500

24.5750, 17.1940,
-3.2380

194.1800, 42.8710,
-11.5370

0.8970, 1.7880,
0.6360

221.6530, 42.9170,
-12.3710

0.0000, 0.0000,
0.0000

241.2810, 26.2290,
-18.3070

249.6420, 15.0870,

-14.6170

■ 252.9480, 5.7780,
-5.5980

■ 89.0590, 35.9020,
-11.8900

■ 89.0590, 35.9020,
-11.8900

■ 85.3430, 40.8540,
-13.5300

■ 92.7750, 30.9500,
-10.2500

■ 81.7410, 45.4850,
-14.8590

■ 96.3770, 26.3190,
-8.9210

■ 79.8830, 47.9610,
-15.6790

■ 100.0930, 21.3670,
-7.2810

■ 103.1080, 17.0110,
-5.4290

■ 106.8240, 12.0590,
-3.7890

■ 110.5400, 7.1070,
-2.1490

■ 114.1420, 2.4760,
-0.8200

■ 117.8580, -2.4760,
0.8200

■ 121.4600, -7.1070,
2.1490

Harmonies

Analogous

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



90.1180, 46.5820, 3.8140



89.0590, 35.9020, -11.8900



86.6000, 14.9050, -22.3350

Triad

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



89.0590, 35.9020, -11.8900



75.1040, -65.4230, -20.2950



94.7250, 9.1650, 26.6450

Complementary

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



89.0590, 35.9020, -11.8900



55.9410, -35.9020, 11.8900

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.



91.2630, -24.9450, 17.0630



89.0590, 35.9020, -11.8900



76.7800, -72.8980, -11.4740

Square

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



89.0590, 35.9020, -11.8900



71.4560, -55.1510, -30.2470



74.7400, -75.4210, -4.2930



92.8280, 33.7400, 27.3080

Rectangle

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



89.0590, 35.9020, -11.8900



83.7380, -3.1590, -25.3590



74.7400, -75.4210, -4.2930



94.2830, -1.3340, 24.1860

Sweetspot

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



89.0590, 35.9020, -11.8900



139.7810, 13.6180, -4.5100



58.4330, 42.2220, 27.7740



70.6110, 8.3450, -2.5590



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



89.0590, 35.9020, -11.8900



108.1950, 55.7100, -18.4500



102.1950, 20.1790, -29.8130



57.1420, 2.4760, -0.8200



84.6120, 50.1620, -17.0220



172.7790, 103.0750, -34.3410

Inverse Universe

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



55.9410, -35.9020, 11.8900



56.8050, -55.7100, 18.4500



42.8050, -20.1790, 29.8130



54.8580, -2.4760, 0.8200



37.9750, -50.4370, 16.4990



77.2210, -103.0750, 34.3410

Previews

White Background



This preview shows how the YIQ color 89.0590, 35.9020, -11.8900 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 89.0590, 35.9020, -11.8900 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 89.0590, 35.9020, -11.8900

Background



This preview shows how black text looks on a background with the YIQ color 89.0590, 35.9020, -11.8900.



This preview shows how white text looks on a background with the YIQ color 89.0590, 35.9020, -11.8900.

-11.8900.

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

89.0590, 35.9020, -11.8900

Protanopia

88.2210, 26.4580, -16.9500

Deuteranopia

88.7600, 35.3060, -12.1020



Tritanopia

93.4590, 20.9970, 10.4450

Trichromacy



Original Color

89.0590, 35.9020, -11.8900

Protanomaly

88.5420, 29.9880, -14.8440

Deuteranomaly

88.7600, 35.3060, -12.1020

Tritanomaly

91.9400, 26.5920, 2.6560

Monochromacy



Original Color

89.0590, 35.9020, -11.8900

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.8950, 13.2970, -4.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.0590, 35.9020, -11.8900 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(116, 87, 29)` looks like.

```
.text, #text, p{  
    color:rgb(116, 87, 29)  
}
```

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(116, 87, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 87, 29) }
```

Border

The CSS property to change the border of an element to YIQ 89.0590, 35.9020, -11.8900 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(116, 87, 29) }
```


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

```
.border{ border-color:rgb(116, 87, 29) }
```

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

Here you see how a box with a 4 pixel rgb(116, 87, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 87, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 87, 29);  
box-shadow:4px 4px 4px 4px rgb(116, 87,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 89.0590, 35.9020, -11.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 87, 29) }
```

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

```
.background{ background-color: rgb(116, 87,  
29) }
```

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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