

Converting Colors

YIQ(106.5790, 46.9020, 9.0300)

Have a look what the booklet for
YIQ(106.5790, 46.9020, 9.0300)
contains.

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Color

**YIQ(106.5790, 46.9020,
9.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5846
RGB	157, 88, 70
RGB Percent	62%, 35%, 27%
CMY	0.3842, 0.6550, 0.7253
CMYK	0.00, 0.44, 0.55, 0.38
HSL	12°, 38%, 45%
HSV	12°, 55%, 62%
XYZ	18.5067, 14.5895, 7.6435
YIQ	106.5790, 46.9020, 9.0300

Conversions

Conversions Part 2

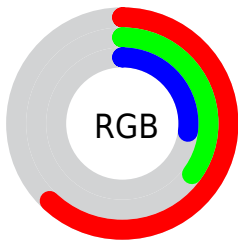
Format	Color
R_{YB}	157, 93, 70
Decimal	10311750
CIE Lab	45.07, 26.58, 22.78
CIE LCh	45, 35.010, 40.600
Yxy	14.5895, 0.4543, 0.3581
Android (android.graphics.Color)	4288501830 (0xFF9D5846)
YUV	106.5790, -18.0334, 44.2192
Hunter-Lab	38.1963, 19.6426, 14.8729

Details

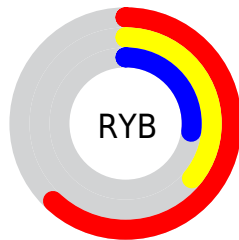
The YIQ color **106.5790, 46.9020, 9.0300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.4210, -46.9020, -9.0300**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4440, 51.7160, 9.8920**, and **57.5290, 41.1710, 8.2670** is the 20% darker color. If you saturate the color by 10%, you get **97.7110, 55.3380, 10.3300**, and if you desaturate by 10%, it is **115.4470, 38.4660, 7.7300**.

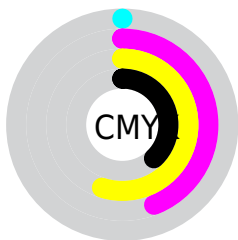
Distribution



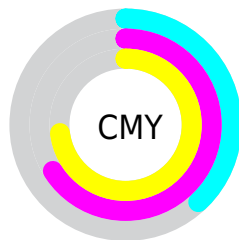
- Red (62%)
- Green (35%)
- Blue (27%)



- Red (62%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.5790, 46.9020, 9.0300 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 106.5790, 46.9020, 9.0300 by changing the saturation by 10% instead.


 106.5790, 46.9020,
9.0300


 106.5790, 46.9020,
9.0300


255.0000, -0.0000,
-0.0000


 81.4970, 44.1970,
8.4930


 159.4440, 51.7160,
9.8920


 56.9420, 41.4460,
8.7900


 186.8140, 53.5500,
9.6940


 32.5180, 39.7040,
7.3200


 209.0300, 44.0140,
6.3020

 14.6510, 29.2040,
10.3880

 228.5440, 27.6470,
0.0550

 4.1860, 8.3440,
2.9680

 248.7590, 10.6840,
-6.4040

 0.0000, 0.0000,
0.0000

■ 106.5790, 46.9020,
9.0300

■ 106.5790, 46.9020,
9.0300

■ 97.7110, 55.3380,
10.3300

■ 115.4470, 38.4660,
7.7300

■ 88.3700, 63.7280,
12.4640

■ 124.7880, 30.0760,
5.5960

■ 79.5020, 72.1640,
13.7640

■ 133.6560, 21.6400,
4.2960

■ 70.0470, 80.8750,
15.5870

■ 143.1110, 12.9290,
2.4730

■ 65.7270, 84.7720,
16.5480

■ 151.9790, 4.4930,
1.1730

■ 161.3200, -3.8970,
-0.9610

■ 170.1880,
-12.3330, -2.2610

■ 179.6430,

-21.0440, -4.0840

■ 188.3970,
-29.1590, -5.6950

Harmonies

Analogous

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



107.6300, 42.8650, 21.6250



106.5790, 46.9020, 9.0300



105.2000, 40.1190, -5.7130

Triad

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



106.5790, 46.9020, 9.0300



91.9050, -37.3620, -27.7460



103.9410, -35.9020, 11.8900

Complementary

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



106.5790, 46.9020, 9.0300



120.4210, -46.9020, -9.0300

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.



85.8590, -83.3060, -10.0740



106.5790, 46.9020, 9.0300



84.8380, -70.7860, -27.7300

Square

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



106.5790, 46.9020, 9.0300



99.5640, -2.6090, -24.3130



86.8560, -79.2240, -17.9760



109.7560, -1.2880, 23.3520

Rectangle

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



106.5790, 46.9020, 9.0300



103.6560, 29.6670, -14.5330



86.8560, -79.2240, -17.9760



99.5370, -49.5640, 6.1800

Sweetspot

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



106.5790, 46.9020, 9.0300



183.5740, 18.9350, 3.7590



103.9930, 29.3820, 40.2140



90.3280, 10.8200, 2.1480



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



106.5790, 46.9020, 9.0300



125.8010, 72.7600, 13.9760



131.8200, 35.0770, -13.4590



74.5660, 4.2180, 0.6500



59.7800, 77.2530, 15.1490



6.2460, 8.1150, 1.6110

Inverse Universe

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



120.4210, -46.9020, -9.0300



147.1990, -72.7600, -13.9760



95.1800, -35.0770, 13.4590



75.4340, -4.2180, -0.6500



82.6330, -76.9780, -14.6260



8.7540, -8.1150, -1.6110

Previews

White Background



This preview shows how the YIQ color 106.5790, 46.9020, 9.0300 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 106.5790, 46.9020, 9.0300 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 106.5790, 46.9020, 9.0300

Background



This preview shows how black text looks on a background with the YIQ color 106.5790, 46.9020, 9.0300.



This preview shows how white text looks on a background with the YIQ color 106.5790, 46.9020,

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

106.5790, 46.9020, 9.0300

Protanopia

106.0860, 14.0770, -7.3230

Deuteranopia

106.0830, 27.3270, -5.1610



Tritanopia

107.5110, 41.5820, 17.3420

Trichromacy



Original Color

106.5790, 46.9020, 9.0300

Protanomaly

106.1200, 25.9050, -1.4150

Deuteranomaly

106.2520, 34.3410, -0.1150

Tritanomaly

107.1860, 43.8750, 14.3310

Monochromacy



Original Color

106.5790, 46.9020, 9.0300

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.7910, 16.8260, 3.4340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5790, 46.9020, 9.0300 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(157, 88, 70)` looks like.

```
.text, #text, p{  
    color:rgb(157, 88, 70)  
}
```

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(157, 88, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 88, 70) }
```

Border

The CSS property to change the border of an element to YIQ 106.5790, 46.9020, 9.0300 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(157, 88, 70) }
```


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

```
.border{ border-color:rgb(157, 88, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 88, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 88, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 88, 70);  
box-shadow:4px 4px 4px 4px rgb(157, 88,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5790, 46.9020, 9.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 88, 70) }
```

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

```
.background{ background-color: rgb(157, 88,  
70) }
```

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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