

Converting Colors

YIQ(88.8780, 46.3570, -19.6510)

Have a look what the booklet for
YIQ(88.8780, 46.3570, -19.6510)
contains.

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Color

**YIQ(88.8780, 46.3570,
-19.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	795904
RGB	121, 89, 4
RGB Percent	47%, 35%, 2%
CMY	0.5255, 0.6510, 0.9840
CMYK	0.00, 0.26, 0.97, 0.53
HSL	44°, 94%, 25%
HSV	44°, 97%, 47%
XYZ	11.4795, 11.2168, 1.6767
YIQ	88.8780, 46.3570, -19.6510

Conversions

Conversions Part 2

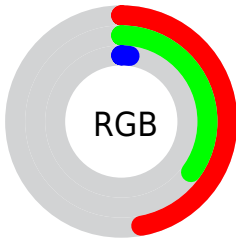
Format	Color
R_YB	48, 121, 4
Decimal	7952644
CIE Lab	39.94, 6.02, 46.70
CIE LCh	40, 47.082, 82.656
Yxy	11.2168, 0.4710, 0.4602
Android (android.graphics.Color)	4286142724 (0xFF795904)
YUV	88.8780, -41.8449, 28.1710
Hunter-Lab	33.4914, 2.5725, 20.4757

Details

The YIQ color **88.8780, 46.3570, -19.6510** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **36.1220, -46.3570, 19.6510**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.2420, 48.3280, -16.8240**, and **46.1600, 28.4280, -8.5960** is the 20% darker color. If you saturate the color by 10%, you get **87.8350, 47.9160, -20.3720**, and if you desaturate by 10%, it is **92.0070, 41.6800, -17.4880**.

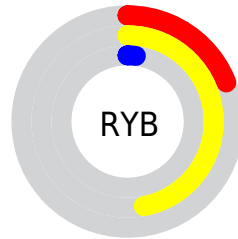
Distribution



Red (47%)

Green (35%)

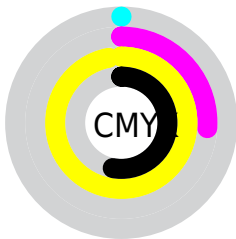
Blue (2%)



Red (19%)

Yellow (47%)

Blue (2%)

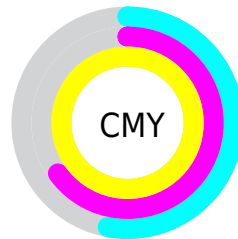


Cyan (0%)

Magenta (26%)

Yellow (97%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.8780, 46.3570, -19.6510 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 88.8780, 46.3570, -19.6510 by changing the saturation by 10% instead.

88.8780, 46.3570,
-19.6510

88.8780, 46.3570,
-19.6510

254.2020, 2.2470,
-2.1770

66.8480, 37.8740,
-14.5900

141.2420, 48.3280,
-16.8240

46.1600, 28.4280,
-8.5960

168.1390, 50.1160,
-16.1880

26.6460, 18.4320,
-3.6480

195.8080, 52.5460,
-16.1740

4.1860, 8.3440,
2.9680

220.8890, 47.8240,
-18.7040

0.0000, 0.0000,
0.0000

240.4030, 31.4570,
-24.9510

247.7040, 20.5440,

-19.9040

■ 250.8960, 11.5560,
-11.1960

■ 88.8780, 46.3570,
-19.6510

■ 88.8780, 46.3570,
-19.6510

■ 87.8350, 47.9160,
-20.3720

■ 92.0070, 41.6800,
-17.4880

■ 95.7230, 36.7280,
-15.8480

■ 98.8520, 32.0510,
-13.6850

■ 101.9810, 27.3740,
-11.5220

■ 105.8110, 22.1010,
-9.5710

■ 108.9400, 17.4240,
-7.4080

■ 112.0690, 12.7470,
-5.2450

■ 115.1980, 8.0700,
-3.0820

■ 118.9140, 3.1180,
-1.4420

Harmonies

Analogous

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



90.8650, 57.5400, 3.4600



88.8780, 46.3570, -19.6510



85.9560, 19.3540, -31.3820

Triad

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



88.8780, 46.3570, -19.6510



79.7660, -70.2830, -20.3230



96.9200, 13.2900, 34.4900

Complementary

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



88.8780, 46.3570, -19.6510



36.1220, -46.3570, 19.6510

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.



92.8910, -32.4650, 21.1910



88.8780, 46.3570, -19.6510



81.6530, -79.7300, -8.8020

Square

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



88.8780, 46.3570, -19.6510



74.6190, -57.1680, -32.2400



78.7810, -82.6660, 0.3580



92.6710, 44.7880, 36.3400

Rectangle

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



88.8780, 46.3570, -19.6510



82.1300, -7.5590, -33.7270



78.7810, -82.6660, 0.3580



96.8090, 0.3610, 32.0170

Sweetspot

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



88.8780, 46.3570, -19.6510



145.7120, 18.0660, -8.0300



42.7450, 59.1390, 35.0670



71.1120, 11.1880, -4.5240



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



88.8780, 46.3570, -19.6510



114.7470, 62.5430, -26.6490



100.1870, 22.6570, -41.6870



59.7290, 2.2010, -1.3430



90.7920, 49.4750, -21.0930



182.7690, 99.8670, -42.2850

Inverse Universe

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



36.1220, -46.3570, 19.6510



43.2530, -62.5430, 26.6490



24.8130, -22.6570, 41.6870



56.8580, -2.4760, 0.8200



34.2080, -49.4750, 21.0930



69.2310, -99.8670, 42.2850

Previews

White Background



This preview shows how the YIQ color 88.8780, 46.3570, -19.6510 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 88.8780, 46.3570, -19.6510 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 88.8780, 46.3570, -19.6510

Background



This preview shows how black text looks on a background with the YIQ color 88.8780, 46.3570, -19.6510.



This preview shows how white text looks on a background with the YIQ color 88.8780, 46.3570, -19.6510.

-19.6510.

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

88.8780, 46.3570, -19.6510

Protanopia

88.6700, 35.0790, -24.5130

Deuteranopia

88.7100, 46.7700, -21.6300



Tritanopia

96.2420, 23.1060, 10.7700

Trichromacy



Original Color

88.8780, 46.3570, -19.6510

Protanomaly

88.8770, 38.9300, -22.7180

Deuteranomaly

88.8240, 46.4490, -21.3190

Tritanomaly

93.5830, 31.9110, -0.1290

Monochromacy



Original Color

88.8780, 46.3570, -19.6510

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0540, 17.1030, -7.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.8780, 46.3570, -19.6510 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(121, 89, 4)` looks like.

```
.text, #text, p{  
    color:rgb(121, 89, 4)  
}
```

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(121, 89, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 89, 4) }
```

Border

The CSS property to change the border of an element to YIQ 88.8780, 46.3570, -19.6510 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(121, 89, 4) }
```


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

```
.border{ border-color:rgb(121, 89, 4) }
```

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

Here you see how a box with a 4 pixel rgb(121, 89, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 89, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 89, 4);  
box-shadow:4px 4px 4px 4px rgb(121, 89, 4)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.8780, 46.3570, -19.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 89, 4) }
```

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

```
.background{ background-color: rgb(121, 89,  
4) }
```

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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