

Converting Colors

YIQ(135.0930, 47.7300, -5.9820)

Have a look what the booklet for
YIQ(135.0930, 47.7300, -5.9820)
contains.

YIQ(135.0930, 47.7300, -5.9820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(135.0930, 47.7300,
-5.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	B17E48
RGB	177, 126, 72
RGB Percent	69%, 49%, 28%
CMY	0.3058, 0.5059, 0.7174
CMYK	0.00, 0.29, 0.59, 0.31
HSL	31°, 42%, 49%
HSV	31°, 59%, 69%
XYZ	26.7663, 24.7346, 9.5045
YIQ	135.0930, 47.7300, -5.9820

Conversions

Conversions Part 2

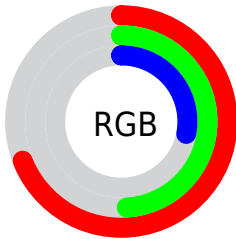
Format	Color
R_{YB}	171, 177, 72
Decimal	11632200
CIE _{Lab}	56.82, 13.87, 36.83
CIE _{LCh}	57, 39.351, 69.360
Yxy	24.7346, 0.4388, 0.4054
Android (android.graphics.Color)	4289822280 (0xFFB17E48)
YUV	135.0930, -31.1048, 36.7524
Hunter-Lab	49.7339, 9.0327, 23.4830

Details

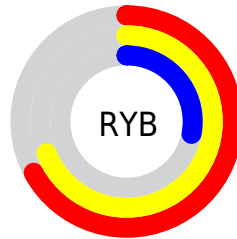
The YIQ color **135.0930, 47.7300, -5.9820** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **113.9070, -47.7300, 5.9820**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.2460, 51.6730, -5.8550**, and **84.2280, 42.9160, -6.8440** is the 20% darker color. If you saturate the color by 10%, you get **127.7580, 55.9830, -6.8730**, and if you desaturate by 10%, it is **142.4280, 39.4770, -5.0910**.

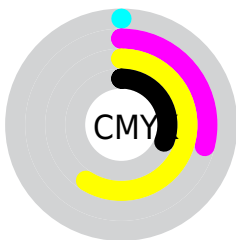
Distribution



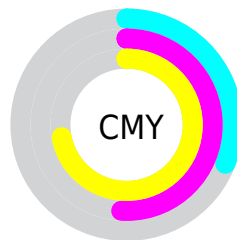
- Red (69%)
- Green (49%)
- Blue (28%)



- Red (67%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (29%)
- Yellow (59%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.0930, 47.7300, -5.9820 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 135.0930, 47.7300, -5.9820 by changing the saturation by 10% instead.


 135.0930, 47.7300,
-5.9820


 135.0930, 47.7300,
-5.9820


255.0000, -0.0000,
-0.0000


 109.3100, 45.6210,
-6.3070


 189.2460, 51.6730,
-5.8550


 84.2280, 42.9160,
-6.8440


 214.0390, 47.8220,
-7.6500


 59.8040, 41.1740,
-8.3140

 233.5530, 31.4550,
-13.8970

 39.7030, 31.4530,
-2.8430

 249.0720, 16.6920,
-16.1720

 19.6020, 21.7320,
2.6280

 252.2640, 7.7040,
-7.4640

 0.0000, 0.0000,
0.0000

■ 135.0930, 47.7300,
-5.9820

■ 135.0930, 47.7300,
-5.9820

■ 127.7580, 55.9830,
-6.8730

■ 142.4280, 39.4770,
-5.0910

■ 121.1240, 63.6400,
-7.9760

■ 149.0620, 31.8200,
-3.9880

■ 113.7890, 71.8930,
-8.8670

■ 156.3970, 23.5670,
-3.0970

■ 107.0410, 79.8710,
-10.2810

■ 163.1450, 15.5890,
-1.6830

■ 106.3400, 80.4670,
-10.0690

■ 170.4800, 7.3360,
-0.7920

■ 177.7010, -0.5960,
-0.2120

■ 184.4490, -8.5740,
1.2020

■ 191.7840,

-16.8270, 2.0930

■ 198.4180,
-24.4840, 3.1960

Harmonies

Analogous

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



136.6510, 55.5670, 11.6870



135.0930, 47.7300, -5.9820



132.5970, 28.1550, -20.1730

Triad

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



135.0930, 47.7300, -5.9820



107.0420, -89.2160, -35.1360



139.4940, -3.3060, 26.8860

Complementary

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



135.0930, 47.7300, -5.9820



113.9070, -47.7300, 5.9820

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.



132.9880, -43.2840, 13.5160



135.0930, 47.7300, -5.9820



109.6300, -99.2590, -23.8270

Square

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



135.0930, 47.7300, -5.9820



120.7150, -39.8830, -31.6190



108.5020, -104.3500, -14.1580



140.0110, 28.9710, 31.1390

Rectangle

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



135.0930, 47.7300, -5.9820



129.8550, 9.6330, -25.9110



108.5020, -104.3500, -14.1580



138.7420, -15.8680, 23.2680

Sweetspot

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



135.0930, 47.7300, -5.9820



212.8850, 19.2570, -2.0790



109.4370, 45.5670, 38.7430



104.5190, 11.6000, -0.9760



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



135.0930, 47.7300, -5.9820



164.4580, 74.3230, -8.8530



165.0300, 33.7050, -32.6550



85.6260, 3.9890, -0.7070



92.1200, 69.4630, -8.8810



15.4050, 11.9210, -1.2870

Inverse Universe

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



113.9070, -47.7300, 5.9820



131.9550, -74.0480, 9.3760



83.9700, -33.7050, 32.6550



83.9610, -4.2640, 0.1840



60.8800, -69.4630, 8.8810



10.0080, -11.6460, 1.8100

Previews

White Background



This preview shows how the YIQ color 135.0930, 47.7300, -5.9820 looks on a white background.

Color Contrast Check

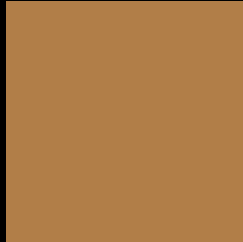
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 135.0930, 47.7300, -5.9820 looks on a black 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

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

YIQ 135.0930, 47.7300, -5.9820

Background



This preview shows how black text looks on a background with the YIQ color 135.0930, 47.7300, -5.9820.



This preview shows how white text looks on a background with the YIQ color 135.0930, 47.7300, -5.9820.

-5.9820.

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

135.0930, 47.7300, -5.9820

Protanopia

133.9330, 27.3290, -16.2150

Deuteranopia

134.6360, 41.5870, -10.2930



Tritanopia

138.5640, 34.0630, 15.9430

Trichromacy



Original Color

135.0930, 47.7300, -5.9820

Protanomaly

134.4610, 34.7100, -12.3140

Deuteranomaly

134.9460, 43.6500, -9.1340

Tritanomaly

137.7460, 39.0620, 7.9420

Monochromacy



Original Color

135.0930, 47.7300, -5.9820

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1020, 17.1480, -2.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0930, 47.7300, -5.9820 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(177, 126, 72)` looks like.

```
.text, #text, p{  
    color:rgb(177, 126, 72)  
}
```

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(177, 126, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 126, 72) }
```

Border

The CSS property to change the border of an element to YIQ 135.0930, 47.7300, -5.9820 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(177, 126, 72) }
```


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

```
.border{ border-color:rgb(177, 126, 72) }
```

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

Here you see how a box with a 4 pixel rgb(177, 126, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 126, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 126, 72);  
box-shadow:4px 4px 4px 4px rgb(177, 126,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0930, 47.7300, -5.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 126, 72) }
```

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

```
.background{ background-color: rgb(177,  
126, 72) }
```

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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