

Converting Colors

YIQ(128.9510, 54.4220, 4.9020)

Have a look what the booklet for
YIQ(128.9510, 54.4220, 4.9020)
contains.

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Color

**YIQ(128.9510, 54.4220,
4.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	B86F4D
RGB	184, 111, 77
RGB Percent	72%, 44%, 30%
CMY	0.2783, 0.5648, 0.6978
CMYK	0.00, 0.40, 0.58, 0.28
HSL	19°, 43%, 51%
HSV	19°, 58%, 72%
XYZ	26.7993, 22.0940, 9.8847
YIQ	128.9510, 54.4220, 4.9020

Conversions

Conversions Part 2

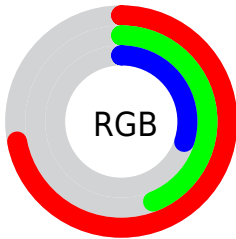
Format	Color
RYB	184, 127, 77
Decimal	12087117
CIELab	54.13, 25.60, 31.02
CIElCh	54, 40.218, 50.471
Yxy	22.0940, 0.4559, 0.3759
Android (android.graphics.Color)	4290277197 (0xFFB86F4D)
YUV	128.9510, -25.6118, 48.2780
Hunter-Lab	47.0043, 19.5136, 20.4347

Details

The YIQ color **128.9510, 54.4220, 4.9020** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **132.0490, -54.4220, -4.9020**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8160, 59.2360, 5.7640**, and **77.9010, 48.6910, 4.1390** is the 20% darker color. If you saturate the color by 10%, you get **119.2680, 63.7750, 6.1030**, and if you desaturate by 10%, it is **138.6340, 45.0690, 3.7010**.

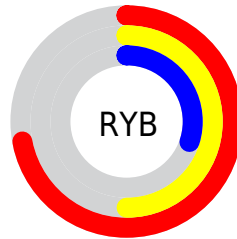
Distribution



Red (72%)

Green (44%)

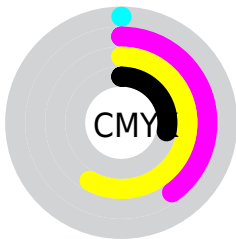
Blue (30%)



Red (72%)

Yellow (50%)

Blue (30%)

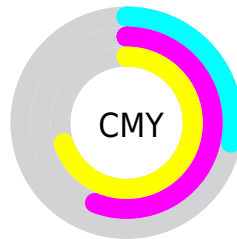


Cyan (0%)

Magenta (40%)

Yellow (58%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.9510, 54.4220, 4.9020 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 128.9510, 54.4220, 4.9020 by changing the saturation by 10% instead.


 128.9510, 54.4220,
4.9020


 128.9510, 54.4220,
4.9020


255.0000, -0.0000,
-0.0000


 102.9830, 51.3960,
4.6760


 182.8160, 59.2360,
5.7640


 77.9010, 48.6910,
4.1390


 205.8040, 50.3420,
1.7500


 53.5200, 45.3900,
3.3900


 225.3180, 33.9750,
-4.4970

 30.9200, 38.5120,
6.8960

 244.8320, 17.6080,
-10.7440

 14.0530, 28.0120,
9.9640

 252.8340, 6.0990,
-5.9090

 0.2990, 0.5960,
0.2120

 0.0000, 0.0000,

0.0000

■ 128.9510, 54.4220,
4.9020

■ 128.9510, 54.4220,
4.9020

■ 119.2680, 63.7750,
6.1030

■ 138.6340, 45.0690,
3.7010

■ 110.0580, 73.1740,
6.4700

■ 147.8440, 35.6700,
3.3340

■ 100.3750, 82.5270,
7.6710

■ 157.5270, 26.3170,
2.1330

■ 91.1650, 91.9260,
8.0380

■ 166.7370, 16.9180,
1.7660

■ 89.0620, 93.7140,
8.6740

■ 176.4200, 7.5650,
0.5650

■ 185.5160, -1.5130,
-0.1130

■ 195.3130,
-11.1870, -1.0030

■ 204.9960,
-20.5400, -2.2040

■ 214.2060,
-29.9390, -2.5710

Harmonies

Analogous

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



130.3770, 53.8230, 21.2710



128.9510, 54.4220, 4.9020



127.4680, 42.0000, -12.2720

Triad

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



128.9510, 54.4220, 4.9020



104.1230, -67.5750, -36.3670



129.5770, -28.7050, 19.1270

Complementary

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



128.9510, 54.4220, 4.9020



132.0490, -54.4220, -4.9020

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.



112.4560, -80.3730, -2.6530



128.9510, 54.4220, 4.9020



103.7310, -89.5380, -29.2980

Square

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



128.9510, 54.4220, 4.9020



118.6440, -14.7580, -29.9100



105.2760, -98.0220, -18.7100



133.4310, 10.1730, 30.4050

Rectangle

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



128.9510, 54.4220, 4.9020



124.8850, 27.2840, -20.9080



105.2760, -98.0220, -18.7100



126.4010, -43.0090, 14.0390

Sweetspot

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



128.9510, 54.4220, 4.9020



218.8900, 20.8610, 1.8930



117.3150, 40.3390, 45.3870



107.2850, 12.3790, 1.4270



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



128.9510, 54.4220, 4.9020



153.3430, 85.5530, 7.8970



160.0620, 39.8470, -22.8170



87.4520, 4.5390, 0.3390



75.4070, 79.5010, 7.4450



13.6550, 14.2130, 1.2290

Inverse Universe

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



132.0490, -54.4220, -4.9020



158.6570, -85.5530, -7.8970



100.9380, -39.8470, 22.8170



87.5480, -4.5390, -0.3390



80.0060, -79.2260, -6.9220



14.3450, -14.2130, -1.2290

Previews

White Background



This preview shows how the YIQ color 128.9510, 54.4220, 4.9020 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 128.9510, 54.4220, 4.9020 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 128.9510, 54.4220, 4.9020

Background



This preview shows how black text looks on a background with the YIQ color 128.9510, 54.4220, 4.9020.



This preview shows how white text looks on a background with the YIQ color 128.9510, 54.4220,

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

128.9510, 54.4220, 4.9020

Protanopia

128.0450, 21.3220, -11.9740

Deuteranopia

128.4660, 36.3140, -8.3420



Tritanopia

131.1310, 45.7080, 19.6600

Trichromacy



Original Color

128.9510, 54.4220, 4.9020

Protanomaly

128.3780, 33.7460, -5.8540

Deuteranomaly

128.3360, 42.7320, -3.5080

Tritanomaly

130.5240, 48.7350, 14.3590

Monochromacy



Original Color

128.9510, 54.4220, 4.9020

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7050, 19.9440, 1.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9510, 54.4220, 4.9020 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(184, 111, 77)` looks like.

```
.text, #text, p{  
    color:rgb(184, 111, 77)  
}
```

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(184, 111, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 111, 77) }
```

Border

The CSS property to change the border of an element to YIQ 128.9510, 54.4220, 4.9020 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(184, 111, 77) }
```


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

```
.border{ border-color:rgb(184, 111, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 111, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 111, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 111, 77);  
box-shadow:4px 4px 4px 4px rgb(184, 111,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9510, 54.4220, 4.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 111, 77) }
```

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

```
.background{ background-color: rgb(184,  
111, 77) }
```

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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