

Converting Colors

YIQ(133.4050, 47.4520, 10.0760)

Have a look what the booklet for
YIQ(133.4050, 47.4520, 10.0760)
contains.

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Color

**YIQ(133.4050, 47.4520,
10.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	B97262
RGB	185, 114, 98
RGB Percent	73%, 45%, 38%
CMY	0.2744, 0.5530, 0.6155
CMYK	0.00, 0.38, 0.47, 0.27
HSL	11°, 38%, 56%
HSV	11°, 47%, 73%
XYZ	28.2383, 23.2300, 14.5635
YIQ	133.4050, 47.4520, 10.0760

Conversions

Conversions Part 2

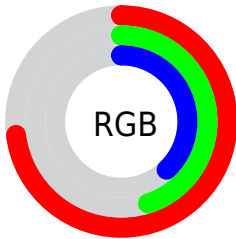
Format	Color
R _Y B	185, 118, 98
Decimal	12153442
CIE Lab	55.31, 26.27, 20.66
CIE LCh	55, 33.423, 38.189
Yxy	23.2300, 0.4276, 0.3518
Android (android.graphics.Color)	4290343522 (0xFFB97262)
YUV	133.4050, -17.4547, 45.2488
Hunter-Lab	48.1975, 20.2352, 15.8231

Details

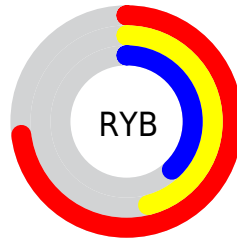
The YIQ color **133.4050, 47.4520, 10.0760** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **149.5950, -47.4520, -10.0760**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.6720, 51.0740, 10.5140**, and **82.5400, 42.6380, 9.2140** is the 20% darker color. If you saturate the color by 10%, you get **122.5480, 57.3550, 12.3230**, and if you desaturate by 10%, it is **144.3760, 37.2280, 8.1400**.

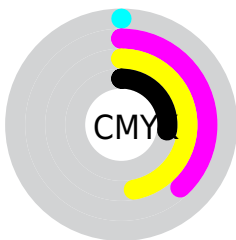
Distribution



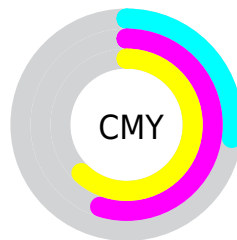
- Red (73%)
- Green (45%)
- Blue (38%)



- Red (73%)
- Yellow (46%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (27%)





- Cyan (27%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4050, 47.4520, 10.0760 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 133.4050, 47.4520, 10.0760 by changing the saturation by 10% instead.


 133.4050, 47.4520,
10.0760


 133.4050, 47.4520,
10.0760


255.0000, -0.0000,
-0.0000


 107.6220, 45.3430,
9.7510


 187.6720, 51.0740,
10.5140


 82.5400, 42.6380,
9.2140


 210.1870, 42.1340,
7.3340


 57.9850, 39.8870,
9.5110

 229.7010, 25.7670,
1.0870

 33.7890, 37.5030,
8.6630

 249.9160, 8.8040,
-5.3720

 14.9500, 29.8000,
10.6000

 4.4850, 8.9400,
3.1800

 0.0000, 0.0000,

0.0000

■ 133.4050, 47.4520,
10.0760

■ 133.4050, 47.4520,
10.0760

■ 122.5480, 57.3550,
12.3230

■ 144.3760, 37.2280,
8.1400

■ 111.5770, 67.5790,
14.2590

■ 155.2330, 27.3250,
5.8930

■ 100.7200, 77.4820,
16.5060

■ 166.2040, 17.1010,
3.9570

■ 89.7490, 87.7060,
18.4420

■ 177.0610, 7.1980,
1.7100

■ 78.3050, 97.8840,
21.2120

■ 188.6190, -3.3010,
-0.7490

■ 75.2730, 100.9100,
21.4380

■ 199.4760,
-13.2040, -2.9960

■ 210.4470,
-23.4280, -4.9320

■ 221.3040,
-33.3310, -7.1790

■ 231.1350,
-40.3450, -12.2250

Harmonies

Analogous

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



134.4450, 41.9480, 21.7240



133.4050, 47.4520, 10.0760



131.7380, 41.5400, -3.9320

Triad

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



133.4050, 47.4520, 10.0760



120.6670, -30.7600, -26.2480



130.5280, -36.1770, 11.3670

Complementary

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



133.4050, 47.4520, 10.0760



149.5950, -47.4520, -10.0760

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.



117.7250, -71.0650, -6.1450



133.4050, 47.4520, 10.0760



110.3110, -70.7400, -28.5640

Square

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



133.4050, 47.4520, 10.0760



126.0590, 0.3710, -23.2530



104.7400, -93.7570, -24.4210



135.5600, -3.6720, 22.5040

Rectangle

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



133.4050, 47.4520, 10.0760



130.4930, 31.6840, -12.5400



104.7400, -93.7570, -24.4210



126.9070, -47.7300, 5.9820

Sweetspot

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



133.4050, 47.4520, 10.0760



219.6880, 18.6140, 4.0700



132.3350, 28.4190, 41.1470



107.6270, 11.4160, 2.3600



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.



133.4050, 47.4520, 10.0760



160.0400, 73.5850, 15.5450



158.0590, 35.9020, -11.8900



86.2780, 5.0890, 1.3850



63.0800, 85.2760, 18.4280



11.3070, 15.3130, 3.3210

Inverse Universe

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



149.5950, -47.4520, -10.0760



184.9600, -73.5850, -15.5450



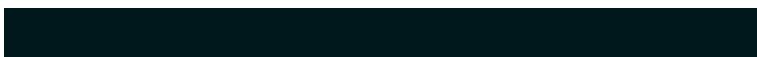
124.9410, -35.9020, 11.8900



88.1350, -4.8140, -0.8620



92.3330, -85.0010, -17.9050



16.6930, -15.3130, -3.3210

Previews

White Background



This preview shows how the YIQ color 133.4050, 47.4520, 10.0760 looks on a white background.

Color Contrast Check

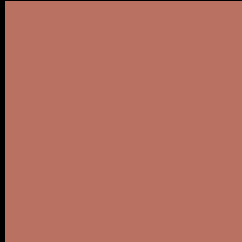
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4050, 47.4520, 10.0760 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 133.4050, 47.4520, 10.0760

Background



This preview shows how black text looks on a background with the YIQ color 133.4050, 47.4520, 10.0760.



This preview shows how white text looks on a background with the YIQ color 133.4050, 47.4520,

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

133.4050, 47.4520, 10.0760

Protanopia

132.4280, 13.1140, -6.3900

Deuteranopia

132.7350, 28.4270, -3.0690



Tritanopia

134.6360, 42.7280, 18.6000

Trichromacy



Original Color

133.4050, 47.4520, 10.0760

Protanomaly

132.7610, 25.5380, -0.2700

Deuteranomaly

132.9040, 35.4410, 1.9770

Tritanomaly

134.0120, 44.4250, 15.3770

Monochromacy



Original Color

133.4050, 47.4520, 10.0760

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0900, 17.4220, 3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4050, 47.4520, 10.0760 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(185, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(185, 114, 98)  
}
```

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(185, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 114, 98) }
```

Border

The CSS property to change the border of an element to YIQ 133.4050, 47.4520, 10.0760 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(185, 114, 98) }
```


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

```
.border{ border-color:rgb(185, 114, 98) }
```

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

Here you see how a box with a 4 pixel rgb(185, 114, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(185, 114,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4050, 47.4520, 10.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 114, 98) }
```

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

```
.background{ background-color: rgb(185,  
114, 98) }
```

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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