

Converting Colors

YIQ(153.0520, 54.9750,
-10.6330)

Have a look what the booklet for
YIQ(153.0520, 54.9750, -10.6330)
contains.

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Color

**YIQ(153.0520, 54.9750,
-10.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	C7914A
RGB	199, 145, 74
RGB Percent	78%, 57%, 29%
CMY	0.2195, 0.4314, 0.7095
CMYK	0.00, 0.27, 0.63, 0.22
HSL	34°, 53%, 54%
HSV	34°, 63%, 78%
XYZ	34.9192, 32.8842, 10.9977
YIQ	153.0520, 54.9750, -10.6330

Conversions

Conversions Part 2

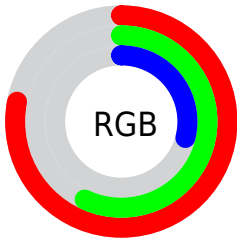
Format	Color
RYB	169, 199, 74
Decimal	13078858
CIELab	64.07, 12.99, 44.90
CIElCh	64, 46.746, 73.866
Yxy	32.8842, 0.4431, 0.4173
Android (android.graphics.Color)	4291268938 (0xFFC7914A)
YUV	153.0520, -38.9726, 40.2964
Hunter-Lab	57.3448, 8.3414, 28.7705

Details

The YIQ color **153.0520, 54.9750, -10.6330** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **119.9480, -54.9750, 10.6330**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.3080, 57.1300, -11.1420**, and **100.6600, 50.2070, -12.3290** is the 20% darker color. If you saturate the color by 10%, you get **145.4890, 63.8700, -12.1460**, and if you desaturate by 10%, it is **160.6150, 46.0800, -9.1200**.

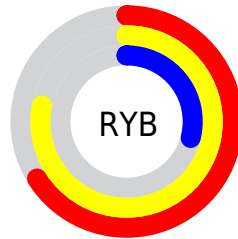
Distribution



Red (78%)

Green (57%)

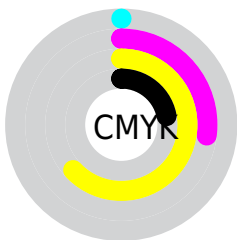
Blue (29%)



Red (66%)

Yellow (78%)

Blue (29%)

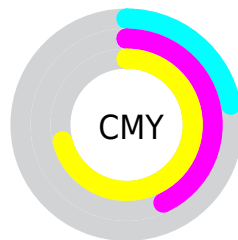


Cyan (0%)

Magenta (27%)

Yellow (63%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.0520, 54.9750, -10.6330 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 153.0520, 54.9750, -10.6330 by changing the saturation by 10% instead.

 153.0520, 54.9750,
-10.6330


 153.0520, 54.9750,
-10.6330


255.0000, -0.0000,
-0.0000

 126.2690, 52.8660,
-10.9580


 207.3080, 57.1300,
-11.1420

 100.6600, 50.2070,
-12.3290


 226.8220, 40.7630,
-17.3890


 75.7630, 48.4190,
-12.9650


 246.3360, 24.3960,
-23.6360

 54.1890, 38.6520,
-6.6600

 249.5280, 15.4080,
-14.9280

 34.3760, 28.0600,
-1.9240

 252.7200, 6.4200,
-6.2200

 13.1120, 20.3560,
5.5400

 0.0000, 0.0000,

0.0000

■ 153.0520, 54.9750,
-10.6330

■ 153.0520, 54.9750,
-10.6330

■ 145.4890, 63.8700,
-12.1460

■ 160.6150, 46.0800,
-9.1200

■ 138.5130, 72.4900,
-14.1820

■ 167.5910, 37.4600,
-7.0840

■ 130.9500, 81.3850,
-15.6950

■ 175.1540, 28.5650,
-5.5710

■ 125.8320, 87.5290,
-16.9110

■ 182.1300, 19.9450,
-3.5350

■ 189.6930, 11.0500,
-2.0220

■ 197.1420, 2.4760,
-0.8200

■ 204.1180, -6.1440,
1.2160

■ 211.6810,
-15.0390, 2.7290

■ 218.6570,
-23.6590, 4.7650

Harmonies

Analogous

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



154.8710, 66.5710, 10.4990



153.0520, 54.9750, -10.6330



149.5660, 29.4400, -26.9440

Triad

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



153.0520, 54.9750, -10.6330



123.7350, -104.5290, -38.4570



159.7600, 2.0570, 34.3210

Complementary

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



153.0520, 54.9750, -10.6330



119.9480, -54.9750, 10.6330

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.



152.8940, -45.7150, 19.0290



153.0520, 54.9750, -10.6330



126.3060, -115.9020, -25.0700

Square

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



153.0520, 54.9750, -10.6330



131.7120, -62.1640, -40.8200



124.2320, -121.0850, -13.7330



158.8000, 40.1110, 38.5030

Rectangle

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



153.0520, 54.9750, -10.6330



146.0730, 5.7830, -33.2330



124.2320, -121.0850, -13.7330



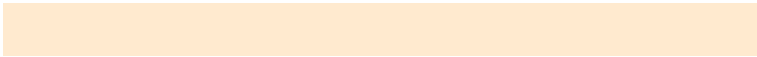
158.6380, -12.3390, 30.9010

Sweetspot

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



153.0520, 54.9750, -10.6330



237.2010, 21.1830, -3.9450



117.5310, 57.1660, 43.2940



116.9490, 13.2050, -2.5310



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



153.0520, 54.9750, -10.6330



184.5050, 84.1360, -15.9920



182.3580, 35.3570, -40.5710



95.6260, 3.9890, -0.7070



103.3280, 71.5730, -14.0830



22.5040, 15.9560, -2.8280

Inverse Universe

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



119.9480, -54.9750, 10.6330



133.9080, -83.8610, 16.5150



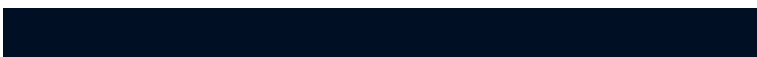
90.6420, -35.3570, 40.5710



93.3740, -3.9890, 0.7070



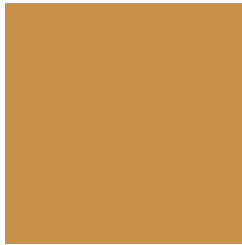
60.2590, -71.8480, 13.5600



12.9090, -15.6810, 3.3510

Previews

White Background



This preview shows how the YIQ color 153.0520, 54.9750, -10.6330 looks on a white background.

Color Contrast Check

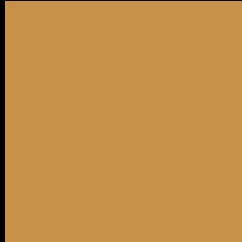
Large Text (above 18pt) WCAG AA × Fail

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 153.0520, 54.9750, -10.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

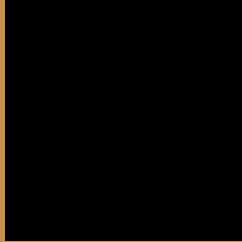
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.0520, 54.9750, -10.6330

Background



This preview shows how black text looks on a background with the YIQ color 153.0520, 54.9750, -10.6330.



This preview shows how white text looks on a background with the YIQ color 153.0520, 54.9750,

-10.6330.

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

153.0520, 54.9750, -10.6330

Protanopia

151.8920, 34.5740, -20.8660

Deuteranopia

152.6060, 50.2990, -13.9970



Tritanopia

158.1730, 36.7220, 17.3140

Trichromacy



Original Color

153.0520, 54.9750, -10.6330

Protanomaly

152.4200, 41.9550, -16.9650

Deuteranomaly

152.9160, 52.3620, -12.8380

Tritanomaly

156.2580, 43.3720, 6.9240

Monochromacy



Original Color

153.0520, 54.9750, -10.6330

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0160, 20.2660, -3.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0520, 54.9750, -10.6330 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(199, 145, 74)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 74)  
}
```

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(199, 145, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 74) }
```

Border

The CSS property to change the border of an element to YIQ 153.0520, 54.9750, -10.6330 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(199, 145, 74) }
```


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

```
.border{ border-color:rgb(199, 145, 74) }
```

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

Here you see how a box with a 4 pixel rgb(199, 145, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 74);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0520, 54.9750, -10.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 74) }
```

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

```
.background{ background-color: rgb(199,  
145, 74) }
```

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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