

Converting Colors

YIQ(154.8240, 55.6170,
-11.2550)

Have a look what the booklet for
YIQ(154.8240, 55.6170, -11.2550)
contains.

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Color

**YIQ(154.8240, 55.6170,
-11.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	C9934A
RGB	201, 147, 74
RGB Percent	79%, 58%, 29%
CMY	0.2117, 0.4236, 0.7095
CMYK	0.00, 0.27, 0.63, 0.21
HSL	34°, 54%, 54%
HSV	34°, 63%, 79%
XYZ	35.7617, 33.7761, 11.1257
YIQ	154.8240, 55.6170, -11.2550

Conversions

Conversions Part 2

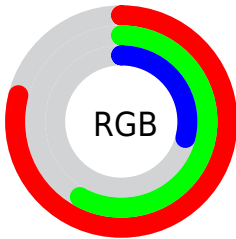
Format	Color
RYB	168, 201, 74
Decimal	13210442
CIELab	64.78, 12.75, 45.78
CIELCh	65, 47.526, 74.433
Yxy	33.7761, 0.4433, 0.4187
Android (android.graphics.Color)	4291400522 (0xFFC9934A)
YUV	154.8240, -39.8462, 40.4964
Hunter-Lab	58.1172, 8.1324, 29.3319

Details

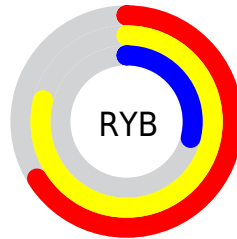
The YIQ color **154.8240, 55.6170, -11.2550** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **120.1760, -55.6170, 11.2550**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4820, 56.5800, -12.1880**, and **102.4320, 50.8490, -12.9510** is the 20% darker color. If you saturate the color by 10%, you get **147.2610, 64.5120, -12.7680**, and if you desaturate by 10%, it is **162.3870, 46.7220, -9.7420**.

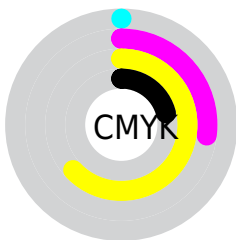
Distribution



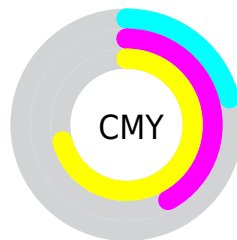
- Red (79%)
- Green (58%)
- Blue (29%)



- Red (66%)
- Yellow (79%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (63%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8240, 55.6170, -11.2550 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 154.8240, 55.6170, -11.2550 by changing the saturation by 10% instead.

■ 154.8240, 55.6170,
-11.2550

■ 154.8240, 55.6170,
-11.2550

■ 255.0000, -0.0000,
-0.0000

■ 128.0410, 53.5080,
-11.5800

■ 208.4820, 56.5800,
-12.1880

■ 101.8450, 51.1240,
-12.4280

■ 227.9960, 40.2130,
-18.4350

■ 77.2360, 48.4650,
-13.7990

■ 246.3360, 24.3960,
-23.6360

■ 55.6620, 38.6980,
-7.4940

■ 249.5280, 15.4080,
-14.9280

■ 35.2620, 28.3810,
-2.2350

■ 252.8340, 6.0990,
-5.9090

■ 15.1720, 20.1270,
4.1830

■ 0.0000, 0.0000,

0.0000

■ 154.8240, 55.6170,
-11.2550

■ 154.8240, 55.6170,
-11.2550

■ 147.2610, 64.5120,
-12.7680

■ 162.3870, 46.7220,
-9.7420

■ 140.2850, 73.1320,
-14.8040

■ 169.3630, 38.1020,
-7.7060

■ 132.7220, 82.0270,
-16.3170

■ 176.9260, 29.2070,
-6.1930

■ 127.6040, 88.1710,
-17.5330

■ 183.9020, 20.5870,
-4.1570

■ 191.5790, 11.3710,
-2.3330

■ 198.5550, 2.7510,
-0.2970

■ 206.1180, -6.1440,
1.2160

■ 213.0940,
-14.7640, 3.2520

■ 220.6570,
-23.6590, 4.7650

Harmonies

Analogous

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



157.0560, 67.4880, 10.4000



154.8240, 55.6170, -11.2550



151.0390, 29.4860, -27.7780

Triad

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



154.8240, 55.6170, -11.2550



125.2510, -106.0420, -38.5700



161.7710, 3.5240, 35.2680

Complementary

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



154.8240, 55.6170, -11.2550



120.1760, -55.6170, 11.2550

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.



155.0080, -46.0360, 19.3400



154.8240, 55.6170, -11.2550



127.9360, -117.7360, -24.8720

Square

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



154.8240, 55.6170, -11.2550



132.2170, -65.1440, -41.8800



125.7480, -122.5980, -13.8460



160.6970, 41.8990, 39.1390

Rectangle

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



154.8240, 55.6170, -11.2550



148.2470, 5.2330, -34.2790



125.7480, -122.5980, -13.8460



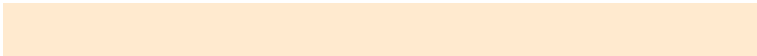
160.9370, -11.7430, 31.1130

Sweetspot

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



154.8240, 55.6170, -11.2550



237.2010, 21.1830, -3.9450



118.2430, 58.0370, 44.0290



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.



154.8240, 55.6170, -11.2550



184.7500, 84.8240, -17.4480



184.1300, 35.9990, -41.1930



95.6260, 3.9890, -0.7070



103.9150, 71.2980, -14.6060



23.0910, 15.6810, -3.3510

Inverse Universe

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



120.1760, -55.6170, 11.2550



131.8370, -85.0990, 16.9250



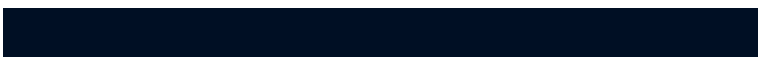
91.1690, -35.4030, 41.4050



93.3740, -3.9890, 0.7070



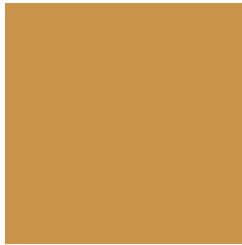
59.0850, -71.2980, 14.6060



12.9090, -15.6810, 3.3510

Previews

White Background



This preview shows how the YIQ color 154.8240, 55.6170, -11.2550 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 154.8240, 55.6170, -11.2550 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 154.8240, 55.6170, -11.2550

Background



This preview shows how black text looks on a background with the YIQ color 154.8240, 55.6170, -11.2550.



This preview shows how white text looks on a background with the YIQ color 154.8240, 55.6170,

-11.2550.

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

154.8240, 55.6170, -11.2550

Protanopia

153.5500, 35.5370, -21.7990

Deuteranopia

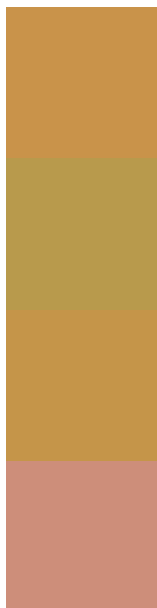
154.6770, 51.5370, -14.4070



Tritanopia

160.4720, 37.3180, 17.5260

Trichromacy



Original Color

154.8240, 55.6170, -11.2550

Protanomaly

154.0780, 42.9180, -17.8980

Deuteranomaly

154.6880, 53.0040, -13.4600

Tritanomaly

158.5570, 43.9680, 7.1360

Monochromacy



Original Color

154.8240, 55.6170, -11.2550

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.0160, 20.2660, -3.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8240, 55.6170, -11.2550 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(201, 147, 74)` looks like.

```
.text, #text, p{  
    color:rgb(201, 147, 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(201, 147, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 147, 74) }
```

Border

The CSS property to change the border of an element to YIQ 154.8240, 55.6170, -11.2550 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(201, 147, 74) }
```


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

```
.border{ border-color:rgb(201, 147, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 147, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 147, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 147, 74);  
box-shadow:4px 4px 4px 4px rgb(201, 147,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8240, 55.6170, -11.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 147, 74) }
```

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

```
.background{ background-color: rgb(201,  
147, 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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