

Converting Colors

YIQ(154.7560, 75.5190,
-30.5370)

Have a look what the booklet for
YIQ(154.7560, 75.5190, -30.5370)
contains.

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Color

**YIQ(154.7560, 75.5190,
-30.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	D09A13
RGB	208, 154, 19
RGB Percent	82%, 60%, 7%
CMY	0.1843, 0.3961, 0.9251
CMYK	0.00, 0.26, 0.91, 0.18
HSL	43°, 83%, 45%
HSV	43°, 91%, 82%
XYZ	37.6858, 36.5625, 5.6917
YIQ	154.7560, 75.5190, -30.5370

Conversions

Conversions Part 2

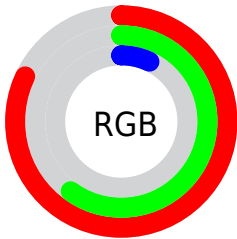
Format	Color
R _Y B	95, 208, 19
Decimal	13670931
CIE Lab	66.95, 9.79, 68.23
CIE LCh	67, 68.931, 81.833
Yxy	36.5625, 0.4714, 0.4574
Android (android.graphics.Color)	4291861011 (0xFFD09A13)
YUV	154.7560, -66.9277, 46.6950
Hunter-Lab	60.4669, 5.4325, 36.7459

Details

The YIQ color **154.7560, 75.5190, -30.5370** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **72.2440, -75.5190, 30.5370**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6890, 68.4580, -29.2220**, and **104.7130, 59.8830, -22.4930** is the 20% darker color. If you saturate the color by 10%, you get **149.6550, 82.9930, -33.8310**, and if you desaturate by 10%, it is **160.6720, 67.1280, -27.1440**.

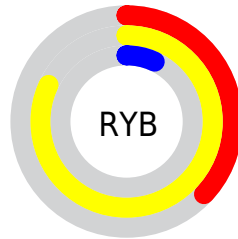
Distribution



Red (82%)

Green (60%)

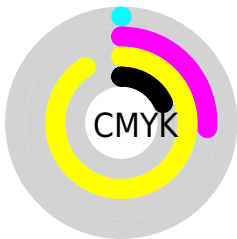
Blue (7%)



Red (37%)

Yellow (82%)

Blue (7%)

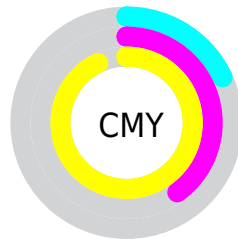


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7560, 75.5190, -30.5370 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 154.7560, 75.5190, -30.5370 by changing the saturation by 10% instead.

■ 154.7560, 75.5190,
-30.5370

■ 154.7560, 75.5190,
-30.5370

■ 255.0000, -0.0000,
-0.0000

■ 128.3580, 70.8880,
-29.2080

■ 207.6890, 68.4580,
-29.2220

■ 104.7130, 59.8830,
-22.4930

■ 227.3170, 51.7700,
-35.1580

■ 81.9540, 49.1990,
-16.0890

■ 241.5480, 37.8780,
-36.6980

■ 60.6680, 38.5610,
-10.5190

■ 244.7400, 28.8900,
-27.9900

■ 39.6810, 28.5190,
-4.7370

■ 248.0460, 19.5810,
-18.9710

■ 20.1670, 18.5230,
0.2110

■ 251.2380, 10.5930,

■ 0.0000, 0.0000,

-10.2630

0.0000

254.6580, 0.9630,
-0.9330

■ 154.7560, 75.5190,
-30.5370

■ 154.7560, 75.5190,
-30.5370

■ 149.6550, 82.9930,
-33.8310

■ 160.6720, 67.1280,
-27.1440

■ 166.5880, 58.7370,
-23.7510

■ 172.5040, 50.3460,
-20.3580

■ 178.3060, 42.2760,
-17.2760

■ 184.2220, 33.8850,
-13.8830

■ 190.1380, 25.4940,
-10.4900

■ 196.0540, 17.1030,
-7.0970

■ 201.9700, 8.7120,
-3.7040

■ 207.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



158.1820, 93.2560, 5.9600



154.7560, 75.5190, -30.5370



149.5930, 32.8370, -49.9710

Triad

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



154.7560, 75.5190, -30.5370



136.3020, -119.2470, -36.0390



167.4010, 20.0260, 55.5940

Complementary

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



154.7560, 75.5190, -30.5370



72.2440, -75.5190, 30.5370

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.



158.3380, -46.7250, 26.3230



154.7560, 75.5190, -30.5370



138.8390, -133.2800, -18.4960

Square

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



154.7560, 75.5190, -30.5370



128.4190, -98.4280, -55.4200



131.7950, -129.9800, -12.2200



158.1550, 64.6370, 56.5810

Rectangle

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



154.7560, 75.5190, -30.5370



144.2150, -10.0770, -54.1810



131.7950, -129.9800, -12.2200



167.2180, -1.5680, 50.4640

Sweetspot

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



154.7560, 75.5190, -30.5370



235.3940, 27.6490, -10.9990



82.0090, 94.3470, 57.7950



116.2820, 16.4610, -6.4750



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.



154.7560, 75.5190, -30.5370



183.0790, 101.9300, -41.1260



175.0920, 38.0210, -66.8350



101.9850, 4.3560, -1.8520



120.6720, 67.1280, -27.1440



29.2820, 16.4610, -6.4750

Inverse Universe

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



72.2440, -75.5190, 30.5370



71.9210, -101.9300, 41.1260



51.9080, -38.0210, 66.8350



97.0150, -4.3560, 1.8520



47.3280, -67.1280, 27.1440



11.7180, -16.4610, 6.4750

Previews

White Background



This preview shows how the YIQ color 154.7560, 75.5190, -30.5370 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 154.7560, 75.5190, -30.5370 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 154.7560, 75.5190, -30.5370

Background



This preview shows how black text looks on a background with the YIQ color 154.7560, 75.5190, -30.5370.



This preview shows how white text looks on a background with the YIQ color 154.7560, 75.5190,

-30.5370.

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

154.7560, 75.5190, -30.5370

Protanopia

153.7920, 57.5020, -39.9220

Deuteranopia

154.6310, 74.3730, -31.7950



Tritanopia

165.7820, 39.3810, 18.6850

Trichromacy



Original Color

154.7560, 75.5190, -30.5370

Protanomaly

154.0210, 64.2870, -36.2330

Deuteranomaly

154.9300, 74.9690, -31.5830

Tritanomaly

161.6470, 52.2220, 0.7180

Monochromacy



Original Color

154.7560, 75.5190, -30.5370

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.0950, 27.0530, -11.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7560, 75.5190, -30.5370 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(208, 154, 19)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 19)  
}
```

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(208, 154, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 19) }
```

Border

The CSS property to change the border of an element to YIQ 154.7560, 75.5190, -30.5370 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(208, 154, 19) }
```


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

```
.border{ border-color:rgb(208, 154, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 19);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7560, 75.5190, -30.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 19) }
```

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

```
.background{ background-color: rgb(208,  
154, 19) }
```

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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