

Converting Colors

YIQ(155.0330, 65.1540,
-13.3900)

Have a look what the booklet for
YIQ(155.0330, 65.1540, -13.3900)
contains.

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Color

**YIQ(155.0330, 65.1540,
-13.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	D1923C
RGB	209, 146, 60
RGB Percent	82%, 57%, 24%
CMY	0.1803, 0.4275, 0.7644
CMYK	0.00, 0.30, 0.71, 0.18
HSL	35°, 62%, 53%
HSV	35°, 71%, 82%
XYZ	37.3940, 34.4355, 8.9623
YIQ	155.0330, 65.1540, -13.3900

Conversions

Conversions Part 2

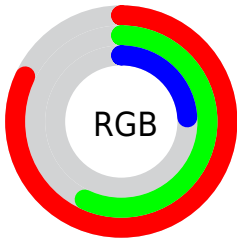
Format	Color
RYB	169, 209, 60
Decimal	13734460
CIELab	65.31, 15.91, 53.18
CIELCh	65, 55.514, 73.342
Yxy	34.4355, 0.4628, 0.4262
Android (android.graphics.Color)	4291924540 (0xFFD1923C)
YUV	155.0330, -46.8513, 47.3291
Hunter-Lab	58.6818, 11.0530, 32.0221

Details

The YIQ color **155.0330, 65.1540, -13.3900** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **113.9670, -65.1540, 13.3900**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4130, 61.0280, -15.7080**, and **101.2020, 63.0000, -18.4080** is the 20% darker color. If you saturate the color by 10%, you get **147.3560, 74.3700, -15.2140**, and if you desaturate by 10%, it is **162.7100, 55.9380, -11.5660**.

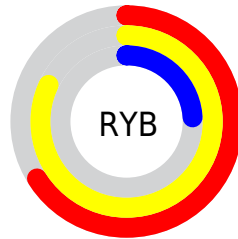
Distribution



Red (82%)

Green (57%)

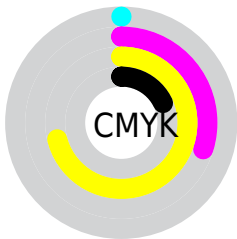
Blue (24%)



Red (66%)

Yellow (82%)

Blue (24%)

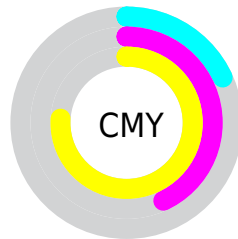


Cyan (0%)

Magenta (30%)

Yellow (71%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0330, 65.1540, -13.3900 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 155.0330, 65.1540, -13.3900 by changing the saturation by 10% instead.

155.0330, 65.1540,
-13.3900

155.0330, 65.1540,
-13.3900

255.0000, -0.0000,
-0.0000

127.8370, 62.7700,
-14.2380

206.4130, 61.0280,
-15.7080

101.2020, 63.0000,
-18.4080

225.8130, 44.9820,
-22.2660

78.4430, 52.3160,
-12.0040

244.7400, 28.8900,
-27.9900

56.5700, 41.9530,
-5.9110

247.9320, 19.9020,
-19.2820

36.1700, 31.6360,
-0.6520

251.2380, 10.5930,
-10.2630

15.7810, 22.7860,
5.5540

254.5440, 1.2840,

0.0000, 0.0000,

-1.2440

0.0000

■ 155.0330, 65.1540,
-13.3900

■ 155.0330, 65.1540,
-13.3900

■ 147.3560, 74.3700,
-15.2140

■ 162.7100, 55.9380,
-11.5660

■ 139.6790, 83.5860,
-17.0380

■ 170.3870, 46.7220,
-9.7420

■ 133.5180, 91.2890,
-18.9750

■ 178.0640, 37.5060,
-7.9180

■ 185.1540, 28.5650,
-5.5710

■ 192.8310, 19.3490,
-3.7470

■ 200.3940, 10.4540,
-2.2340

■ 208.0710, 1.2380,
-0.4100

■ 215.7480, -7.9780,
1.4140

■ 223.4250,
-17.1940, 3.2380

Harmonies

Analogous

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



156.7970, 78.5830, 13.0710



155.0330, 65.1540, -13.3900



151.2860, 35.8600, -33.1640

Triad

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



155.0330, 65.1540, -13.3900



127.9410, -108.1050, -39.7290



162.9760, 1.6890, 40.9930

Complementary

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



155.0330, 65.1540, -13.3900



113.9670, -65.1540, 13.3900

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.



153.5320, -59.1950, 21.0370



155.0330, 65.1540, -13.3900



131.4240, -122.0460, -23.8540

Square

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



155.0330, 65.1540, -13.3900



120.8390, -90.8630, -54.8550



129.8060, -128.5130, -11.2730



161.5500, 46.9870, 46.0510

Rectangle

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



155.0330, 65.1540, -13.3900



147.3410, 7.6640, -39.7920



129.8060, -128.5130, -11.2730



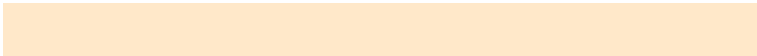
161.7610, -16.8790, 36.0890

Sweetspot

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



155.0330, 65.1540, -13.3900



235.3430, 23.6590, -4.7650



111.9610, 67.9390, 51.8030



116.1340, 14.1220, -2.6300



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.



155.0330, 65.1540, -13.3900



175.4430, 95.8740, -19.4700



189.0240, 41.8690, -48.4590



100.8110, 4.9060, -0.8060



107.1710, 73.4530, -15.1150



26.3470, 17.8360, -3.8600

Inverse Universe

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



113.9670, -65.1540, 13.3900



115.5570, -95.8740, 19.4700



79.9760, -41.8690, 48.4590



98.1890, -4.9060, 0.8060



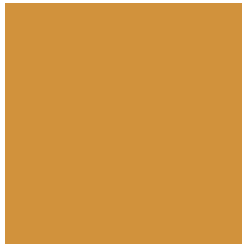
60.8290, -73.4530, 15.1150



14.6530, -17.8360, 3.8600

Previews

White Background



This preview shows how the YIQ color 155.0330, 65.1540, -13.3900 looks on a white background.

Color Contrast Check

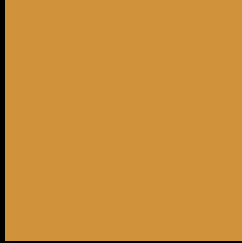
Large Text (above 18pt) WCAG AA × Fail

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 155.0330, 65.1540, -13.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

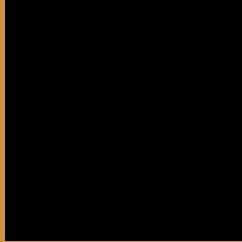
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.0330, 65.1540, -13.3900

Background



This preview shows how black text looks on a background with the YIQ color 155.0330, 65.1540, -13.3900.



This preview shows how white text looks on a background with the YIQ color 155.0330, 65.1540, -13.3900.

-13.3900.

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

155.0330, 65.1540, -13.3900

Protanopia

153.5520, 41.2230, -25.7290

Deuteranopia

154.5650, 57.5440, -18.6480



Tritanopia

161.4620, 43.2780, 19.6460

Trichromacy



Original Color

155.0330, 65.1540, -13.3900

Protanomaly

154.0910, 50.0710, -20.8810

Deuteranomaly

154.5870, 60.4780, -16.7540

Tritanomaly

158.9770, 51.5330, 7.7010

Monochromacy



Original Color

155.0330, 65.1540, -13.3900

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2290, 23.9800, -5.0760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.0330, 65.1540, -13.3900 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(209, 146, 60)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 60)  
}
```

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(209, 146, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 60) }
```

Border

The CSS property to change the border of an element to YIQ 155.0330, 65.1540, -13.3900 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(209, 146, 60) }
```


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

```
.border{ border-color:rgb(209, 146, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 60);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 155.0330, 65.1540, -13.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 60) }
```

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

```
.background{ background-color: rgb(209,  
146, 60) }
```

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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