

Converting Colors

YIQ(155.7890, 45.5300,
-10.1660)

Have a look what the booklet for
YIQ(155.7890, 45.5300, -10.1660)
contains.

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Color

**YIQ(155.7890, 45.5300,
-10.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	C19658
RGB	193, 150, 88
RGB Percent	76%, 59%, 35%
CMY	0.2431, 0.4118, 0.6547
CMYK	0.00, 0.22, 0.54, 0.24
HSL	35°, 46%, 55%
HSV	35°, 54%, 76%
XYZ	34.6638, 33.8520, 13.9523
YIQ	155.7890, 45.5300, -10.1660

Conversions

Conversions Part 2

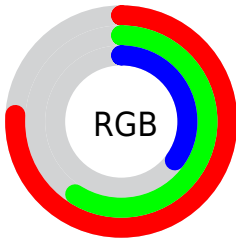
Format	Color
RYB	161, 193, 88
Decimal	12686936
CIELab	64.84, 8.76, 38.56
CIElCh	65, 39.540, 77.198
Yxy	33.8520, 0.4203, 0.4105
Android (android.graphics.Color)	4290877016 (0xFFC19658)
YUV	155.7890, -33.4200, 32.6340
Hunter-Lab	58.1825, 4.5268, 26.5098

Details

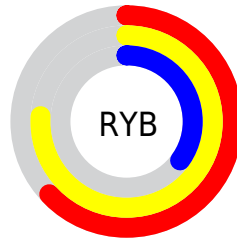
The YIQ color **155.7890, 45.5300, -10.1660** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **125.2110, -45.5300, 10.1660**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.9420, 49.4730, -10.0390**, and **103.6360, 41.5870, -10.2930** is the 20% darker color. If you saturate the color by 10%, you get **148.9270, 53.8290, -11.8910**, and if you desaturate by 10%, it is **162.6510, 37.2310, -8.4410**.

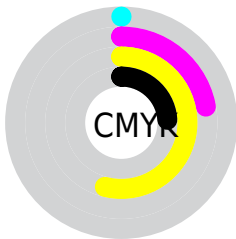
Distribution



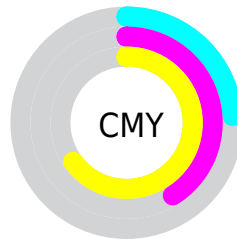
- Red (76%)
- Green (59%)
- Blue (35%)



- Red (63%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7890, 45.5300, -10.1660 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 155.7890, 45.5300, -10.1660 by changing the saturation by 10% instead.

■ 155.7890, 45.5300,
-10.1660

■ 155.7890, 45.5300,
-10.1660

■ 255.0000, -0.0000,
-0.0000

■ 129.4190, 43.6960,
-9.9680

■ 210.9420, 49.4730,
-10.0390

■ 103.6360, 41.5870,
-10.2930

■ 231.3530, 34.8940,
-15.6500

■ 78.9130, 39.2490,
-11.9750

■ 248.0460, 19.5810,
-18.9710

■ 55.9280, 34.8930,
-10.1230

■ 251.2380, 10.5930,
-10.2630

■ 35.8270, 25.1720,
-4.6520

■ 254.4300, 1.6050,
-1.5550

■ 15.7370, 16.9180,
1.7660

■ 0.0000, 0.0000,

0.0000

■ 155.7890, 45.5300,
-10.1660

■ 155.7890, 45.5300,
-10.1660

■ 148.9270, 53.8290,
-11.8910

■ 162.6510, 37.2310,
-8.4410

■ 141.9510, 62.4490,
-13.9270

■ 169.6270, 28.6110,
-6.4050

■ 135.0890, 70.7480,
-15.6520

■ 176.4890, 20.3120,
-4.6800

■ 128.2270, 79.0470,
-17.3770

■ 183.3510, 12.0130,
-2.9550

■ 124.6250, 83.6780,
-18.7060

■ 190.3270, 3.3930,
-0.9190

■ 196.6020, -4.6310,
1.3290

■ 203.4640,
-12.9300, 3.0540

■ 210.3260,
-21.2290, 4.7790

■ 216.5040,
-27.6020, 4.6380

Harmonies

Analogous

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



158.0870, 57.0350, 7.1070



155.7890, 45.5300, -10.1660



152.9660, 22.5620, -23.4380

Triad

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



155.7890, 45.5300, -10.1660



123.4900, -105.2170, -37.0010



161.8650, 5.9550, 29.7550

Complementary

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



155.7890, 45.5300, -10.1660



125.2110, -45.5300, 10.1660

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.



157.3100, -32.3270, 18.6890



155.7890, 45.5300, -10.1660



125.2630, -114.3430, -25.7910

Square

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



155.7890, 45.5300, -10.1660



139.6150, -51.3450, -33.1450



143.8480, -75.6050, -0.9570



161.3170, 36.8570, 31.3930

Rectangle

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



155.7890, 45.5300, -10.1660



150.0820, 1.5640, -28.3560



143.8480, -75.6050, -0.9570



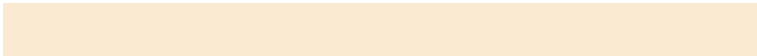
160.9390, -6.0570, 27.1830

Sweetspot

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



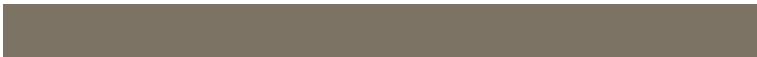
155.7890, 45.5300, -10.1660



236.0480, 17.2400, -4.0720



124.4110, 48.4560, 35.9440



116.3940, 10.4540, -2.2340



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



155.7890, 45.5300, -10.1660



192.0890, 70.7480, -15.6520



178.3390, 28.3410, -34.5630



93.5120, 4.3100, -1.0180



103.9040, 69.8310, -15.5530



21.6070, 14.1680, -3.4640

Inverse Universe

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



125.2110, -45.5300, 10.1660



144.9110, -70.7480, 15.6520



102.6610, -28.3410, 34.5630



90.4880, -4.3100, 1.0180



57.0960, -69.8310, 15.5530



11.9800, -14.4430, 2.9410

Previews

White Background



This preview shows how the YIQ color 155.7890, 45.5300, -10.1660 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 155.7890, 45.5300, -10.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

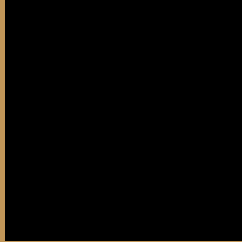
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7890, 45.5300, -10.1660

Background



This preview shows how black text looks on a background with the YIQ color 155.7890, 45.5300, -10.1660.



This preview shows how white text looks on a background with the YIQ color 155.7890, 45.5300, -10.1660.

-10.1660.

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

155.7890, 45.5300, -10.1660

Protanopia

154.8470, 30.4470, -17.6570

Deuteranopia

155.4900, 44.9340, -10.3780



Tritanopia

160.2970, 30.4410, 15.5050

Trichromacy



Original Color

155.7890, 45.5300, -10.1660

Protanomaly

155.0650, 35.7650, -14.9150

Deuteranomaly

155.4900, 44.9340, -10.3780

Tritanomaly

158.7240, 36.1280, 6.0480

Monochromacy



Original Color

155.7890, 45.5300, -10.1660

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8630, 16.3230, -3.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7890, 45.5300, -10.1660 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(193, 150, 88)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 88)  
}
```

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(193, 150, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 88) }
```

Border

The CSS property to change the border of an element to YIQ 155.7890, 45.5300, -10.1660 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(193, 150, 88) }
```


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

```
.border{ border-color:rgb(193, 150, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 88);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7890, 45.5300, -10.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 88) }
```

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

```
.background{ background-color: rgb(193,  
150, 88) }
```

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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