

Converting Colors

YIQ(175.3270, 56.1190, 1.6790)

Have a look what the booklet for
YIQ(175.3270, 56.1190, 1.6790)
contains.

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Color

**YIQ(175.3270, 56.1190,
1.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	E69F74
RGB	230, 159, 116
RGB Percent	90%, 62%, 45%
CMY	0.0979, 0.3766, 0.5448
CMYK	0.00, 0.31, 0.50, 0.10
HSL	23°, 70%, 68%
HSV	23°, 50%, 90%
XYZ	48.1939, 42.8774, 22.2790
YIQ	175.3270, 56.1190, 1.6790

Conversions

Conversions Part 2

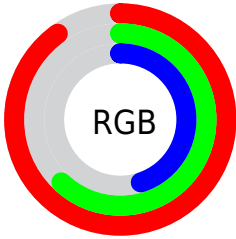
Format	Color
R _Y B	230, 185, 116
Decimal	15114100
CIE Lab	71.47, 21.67, 32.96
CIE LCh	71, 39.448, 56.671
Yxy	42.8774, 0.4252, 0.3783
Android (android.graphics.Color)	4293304180 (0xFFE69F74)
YUV	175.3270, -29.2482, 47.9482
Hunter-Lab	65.4809, 16.7845, 25.6640

Details

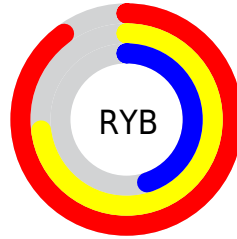
The YIQ color **175.3270, 56.1190, 1.6790** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.6730, -56.1190, -1.6790**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.1290, 38.8810, -5.3030**, and **121.8750, 51.5800, 1.3400** is the 20% darker color. If you saturate the color by 10%, you get **164.4870, 67.3520, 1.8480**, and if you desaturate by 10%, it is **186.1670, 44.8860, 1.5100**.

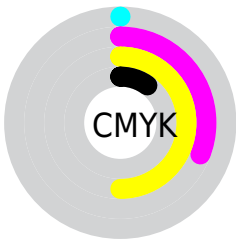
Distribution



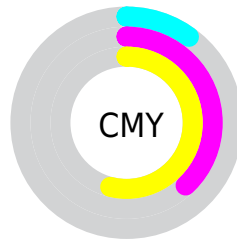
- Red (90%)
- Green (62%)
- Blue (45%)



- Red (90%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3270, 56.1190, 1.6790 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 175.3270, 56.1190, 1.6790 by changing the saturation by 10% instead.


 175.3270, 56.1190,
1.6790


 175.3270, 56.1190,
1.6790


255.0000, -0.0000,
-0.0000

 148.5440, 54.0100,
1.3540


 221.1290, 38.8810,
-5.3030

 121.8750, 51.5800,
1.3400


 240.6430, 22.5140,
-11.5500


 96.4940, 48.2790,
0.5910

 251.4660, 9.9510,
-9.6410

 71.4120, 45.5740,
0.0540

254.7720, 0.6420,
-0.6220

 47.4440, 42.5480,
-0.1720

 27.0440, 32.2310,
5.0870

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,
0.0000

■ 175.3270, 56.1190,
1.6790

■ 175.3270, 56.1190,
1.6790

■ 164.4870, 67.3520,
1.8480

■ 186.1670, 44.8860,
1.5100

■ 153.0600, 78.8600,
2.5400

■ 197.5940, 33.3780,
0.8180

■ 142.2200, 90.0930,
2.7090

■ 208.4340, 22.1450,
0.6490

■ 131.3800,
101.3260, 2.8780

■ 219.2740, 10.9120,
0.4800

■ 119.9530,
112.8340, 3.5700

■ 230.7010, -0.5960,
-0.2120

■ 119.8390,
113.1550, 3.2590

■ 241.5410,
-11.8290, -0.3810

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



176.9490, 57.9040, 18.8960



175.3270, 56.1190, 1.6790



173.1040, 40.0290, -15.0990

Triad

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



175.3270, 56.1190, 1.6790



155.0850, -64.4120, -33.1160



177.0020, -19.5360, 23.6640

Complementary

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



175.3270, 56.1190, 1.6790



170.6730, -56.1190, -1.6790

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.



168.0890, -59.9260, 6.7460



175.3270, 56.1190, 1.6790



137.3620, -119.4760, -37.3960

Square

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



175.3270, 56.1190, 1.6790



163.5830, -21.9560, -31.6200



150.7750, -100.8650, -16.7450



180.3780, 17.6920, 31.8040

Rectangle

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



175.3270, 56.1190, 1.6790



170.5640, 23.7540, -23.0140



150.7750, -100.8650, -16.7450



175.1250, -33.2440, 18.7880

Sweetspot

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



175.3270, 56.1190, 1.6790



236.5800, 18.7980, 0.7340



158.2940, 44.8320, 46.5600



116.5730, 11.5080, 0.6920



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.



175.3270, 56.1190, 1.6790



182.7220, 74.0000, 2.5120



208.1990, 40.7190, -27.6090



109.5230, 5.7770, -0.0710



92.8500, 88.2590, 2.9070



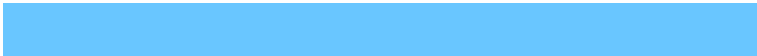
26.4020, 25.1710, 0.8750

Inverse Universe

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



170.6730, -56.1190, -1.6790



176.6910, -73.7250, -1.9890



137.8010, -40.7190, 27.6090



108.4770, -5.7770, 0.0710



85.5630, -87.9840, -2.3840



24.5980, -25.1710, -0.8750

Previews

White Background



This preview shows how the YIQ color 175.3270, 56.1190, 1.6790 looks on a white background.

Color Contrast Check

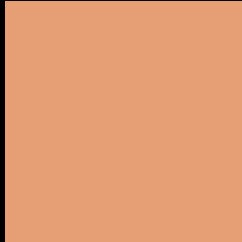
Large Text (above 18pt) WCAG AA × Fail

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 175.3270, 56.1190, 1.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

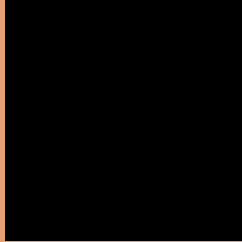
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.3270, 56.1190, 1.6790

Background



This preview shows how black text looks on a background with the YIQ color 175.3270, 56.1190, 1.6790.



This preview shows how white text looks on a background with the YIQ color 175.3270, 56.1190,

1.6790.

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

175.3270, 56.1190, 1.6790

Protanopia

173.2580, 25.0360, -13.2040

Deuteranopia

174.7010, 42.9620, -7.6780



Tritanopia

178.4730, 44.7450, 20.5930

Trichromacy



Original Color

175.3270, 56.1190, 1.6790

Protanomaly

173.8790, 36.5890, -7.8190

Deuteranomaly

175.1470, 47.6380, -4.3140

Tritanomaly

177.4100, 49.0560, 14.0480

Monochromacy



Original Color

175.3270, 56.1190, 1.6790

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3270, 56.1190, 1.6790 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(230, 159, 116)` looks like.

```
.text, #text, p{  
    color:rgb(230, 159, 116)  
}
```

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(230, 159, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 159, 116) }
```

Border

The CSS property to change the border of an element to YIQ 175.3270, 56.1190, 1.6790 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(230, 159, 116) }
```


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

```
.border{ border-color:rgb(230, 159, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 159, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(230, 159,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3270, 56.1190, 1.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 159, 116) }
```

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

```
.background{ background-color: rgb(230,  
159, 116) }
```

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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