

Converting Colors

YIQ(171.0450, 56.8530, -0.6110)

Have a look what the booklet for
YIQ(171.0450, 56.8530, -0.6110)
contains.

YIQ(171.0450, 56.8530, -0.6110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(171.0450, 56.8530,
-0.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	E19C6B
RGB	225, 156, 107
RGB Percent	88%, 61%, 42%
CMY	0.1175, 0.3883, 0.5801
CMYK	0.00, 0.31, 0.52, 0.12
HSL	25°, 66%, 65%
HSV	25°, 52%, 88%
XYZ	45.6029, 40.8431, 19.4084
YIQ	171.0450, 56.8530, -0.6110

Conversions

Conversions Part 2

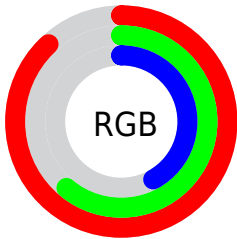
Format	Color
R_{YB}	225, 191, 107
Decimal	14785643
CIE _{Lab}	70.07, 20.46, 35.83
CIE _{LCh}	70, 41.261, 60.278
Yxy	40.8431, 0.4308, 0.3858
Android (android.graphics.Color)	4292975723 (0xFFE19C6B)
YUV	171.0450, -31.5742, 47.3185
Hunter-Lab	63.9086, 15.5311, 26.7302

Details

The YIQ color **171.0450, 56.8530, -0.6110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **160.9550, -56.8530, 0.6110**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.2280, 42.9160, -6.8440**, and **117.5930, 52.3140, -0.9500** is the 20% darker color. If you saturate the color by 10%, you get **160.9060, 67.4900, -0.6540**, and if you desaturate by 10%, it is **181.2980, 45.8950, -0.2570**.

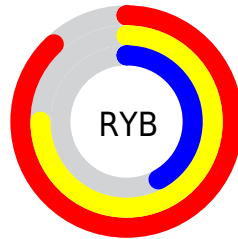
Distribution



Red (88%)

Green (61%)

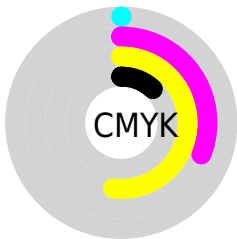
Blue (42%)



Red (88%)

Yellow (75%)

Blue (42%)

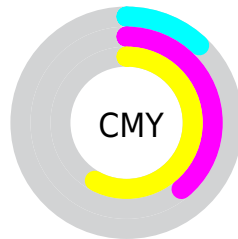


Cyan (0%)

Magenta (31%)

Yellow (52%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.0450, 56.8530, -0.6110 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 171.0450, 56.8530, -0.6110 by changing the saturation by 10% instead.


 171.0450, 56.8530,
-0.6110

 171.0450, 56.8530,
-0.6110


255.0000, -0.0000,
-0.0000


 144.2620, 54.7440,
-0.9360


 218.2280, 42.9160,
-6.8440


 117.5930, 52.3140,
-0.9500


 237.7420, 26.5490,
-13.0910


 92.2120, 49.0130,
-1.6990

 250.3260, 13.1610,
-12.7510

 67.7170, 46.0330,
-2.7590

 253.6320, 3.8520,
-3.7320

 45.0740, 40.7140,
0.0260

 24.6740, 30.3970,
5.2850

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 171.0450, 56.8530,
-0.6110

■ 171.0450, 56.8530,
-0.6110

■ 160.9060, 67.4900,
-0.6540

■ 181.2980, 45.8950,
-0.2570

■ 150.6530, 78.4480,
-1.0080

■ 191.4370, 35.2580,
-0.2140

■ 139.9270, 89.3600,
-0.5280

■ 201.6900, 24.3000,
0.1400

■ 129.6740,
100.3180, -0.8820

■ 212.4160, 13.3880,
-0.3400

■ 121.8660,
108.5250, -0.9390

■ 222.6690, 2.4300,
0.0140

■ 232.8080, -8.2070,
0.0570

■ 241.9210,
-15.9550, -2.6990

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



172.8630, 61.0220, 17.4540



171.0450, 56.8530, -0.6110



168.3380, 39.2500, -17.5020

Triad

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



171.0450, 56.8530, -0.6110



146.7460, -76.6990, -36.2110



173.7360, -15.7310, 26.2930

Complementary

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



171.0450, 56.8530, -0.6110



160.9550, -56.8530, 0.6110

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.



164.8550, -59.1470, 9.1490



171.0450, 56.8530, -0.6110



135.2420, -119.0180, -34.6820

Square

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



171.0450, 56.8530, -0.6110



158.7070, -28.2370, -33.4290



142.5610, -112.0060, -18.5820



175.8840, 22.1390, 33.8110

Rectangle

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



171.0450, 56.8530, -0.6110



166.0150, 20.8660, -25.7420



142.5610, -112.0060, -18.5820



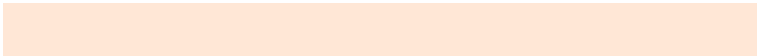
171.8590, -29.4390, 21.4170

Sweetspot

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



171.0450, 56.8530, -0.6110



236.2380, 19.7610, -0.1990



150.3760, 47.5370, 47.0970



116.3450, 12.1500, 0.0700



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.



171.0450, 56.8530, -0.6110



181.4680, 77.5310, -0.9090



204.5040, 41.1780, -30.4220



107.2240, 5.1810, -0.2830



95.4750, 84.8210, -0.8670



26.0920, 23.1080, -0.2840

Inverse Universe

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



160.9550, -56.8530, 0.6110



167.5320, -77.5310, 0.9090



127.4960, -41.1780, 30.4220



106.3630, -5.4560, -0.2400



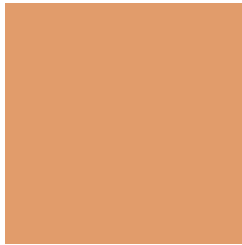
80.5250, -84.8210, 0.8670



21.9080, -23.1080, 0.2840

Previews

White Background



This preview shows how the YIQ color 171.0450, 56.8530, -0.6110 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 171.0450, 56.8530, -0.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

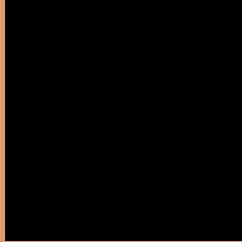
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.0450, 56.8530, -0.6110

Background



This preview shows how black text looks on a background with the YIQ color 171.0450, 56.8530, -0.6110.



This preview shows how white text looks on a background with the YIQ color 171.0450, 56.8530,

-0.6110.

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

171.0450, 56.8530, -0.6110

Protanopia

169.4600, 27.2830, -15.3810

Deuteranopia

170.4300, 45.1630, -9.0210



Tritanopia

174.1740, 44.1490, 20.3810

Trichromacy



Original Color

171.0450, 56.8530, -0.6110

Protanomaly

169.8960, 37.9190, -9.8970

Deuteranomaly

170.5770, 49.2430, -5.8690

Tritanomaly

173.4700, 48.8270, 12.6910

Monochromacy



Original Color

171.0450, 56.8530, -0.6110

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.4230, 20.6780, -0.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.0450, 56.8530, -0.6110 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(225, 156, 107)` looks like.

```
.text, #text, p{  
    color:rgb(225, 156, 107)  
}
```

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(225, 156, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 156, 107) }
```

Border

The CSS property to change the border of an element to YIQ 171.0450, 56.8530, -0.6110 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(225, 156, 107) }
```


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

```
.border{ border-color:rgb(225, 156, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 156, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 156, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 156, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 156,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 171.0450, 56.8530, -0.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 156, 107) }
```

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

```
.background{ background-color: rgb(225,  
156, 107) }
```

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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