

Converting Colors

YIQ(176.9580, 52.5440, -5.1200)

Have a look what the booklet for
YIQ(176.9580, 52.5440, -5.1200)
contains.

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Color

**YIQ(176.9580, 52.5440,
-5.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A66E
RGB	224, 166, 110
RGB Percent	88%, 65%, 43%
CMY	0.1215, 0.3491, 0.5684
CMYK	0.00, 0.26, 0.51, 0.12
HSL	29°, 65%, 66%
HSV	29°, 51%, 88%
XYZ	47.1984, 44.2422, 20.8222
YIQ	176.9580, 52.5440, -5.1200

Conversions

Conversions Part 2

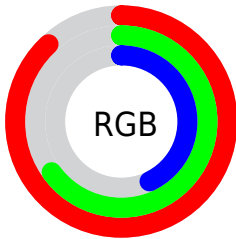
Format	Color
R_{YB}	224, 220, 110
Decimal	14722670
CIE _{Lab}	72.39, 14.95, 37.17
CIE _{LCh}	72, 40.065, 68.088
Yxy	44.2422, 0.4204, 0.3941
Android (android.graphics.Color)	4292912750 (0xFFE0A66E)
YUV	176.9580, -33.0103, 41.2558
Hunter-Lab	66.5148, 10.2612, 27.9999

Details

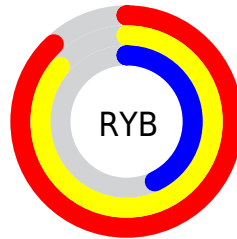
The YIQ color $176.9580, 52.5440, -5.1200$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $157.0420, -52.5440, 5.1200$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $224.4400, 39.2030, -11.1410$, and $123.5060, 48.0050, -5.4590$ is the 20% darker color. If you saturate the color by 10%, you get $167.9930, 62.6310, -6.2090$, and if you desaturate by 10%, it is $185.9230, 42.4570, -4.0310$.

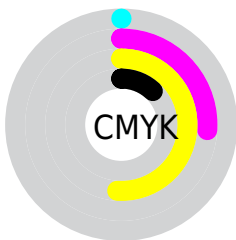
Distribution



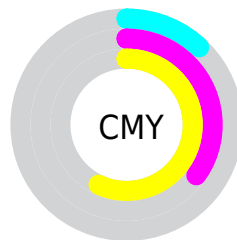
- Red (88%)
- Green (65%)
- Blue (43%)



- Red (88%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.9580, 52.5440, -5.1200 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 176.9580, 52.5440, -5.1200 by changing the saturation by 10% instead.


 176.9580, 52.5440,
-5.1200


 176.9580, 52.5440,
-5.1200


255.0000, -0.0000,
-0.0000


 150.1750, 50.4350,
-5.4450


 224.4400, 39.2030,
-11.1410


 123.5060, 48.0050,
-5.4590


 244.6550, 22.2400,
-17.6000


 97.7230, 45.8960,
-5.7840

 250.7820, 11.8770,
-11.5070

 73.1140, 43.2370,
-7.1550

 254.0880, 2.5680,
-2.4880

 50.9440, 37.9640,
-5.2040

 30.5440, 27.6470,
0.0550

 10.1660, 20.2640,

7.2080

■ 0.0000, 0.0000,
0.0000

■ 176.9580, 52.5440,
-5.1200

■ 176.9580, 52.5440,
-5.1200

■ 167.9930, 62.6310,
-6.2090

■ 185.9230, 42.4570,
-4.0310

■ 158.3270, 73.3140,
-7.0860

■ 195.5890, 31.7740,
-3.1540

■ 149.3620, 83.4010,
-8.1750

■ 204.5540, 21.6870,
-2.0650

■ 139.6960, 94.0840,
-9.0520

■ 214.2200, 11.0040,
-1.1880

■ 131.5460,
103.2540, -10.0420

■ 223.1850, 0.9170,
-0.0990

■ 232.1500, -9.1700,
0.9900

■ 240.4480,
-16.0010, -1.8650

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



178.6300, 60.0600, 12.8600



176.9580, 52.5440, -5.1200



174.3370, 31.8230, -20.5690

Triad

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



176.9580, 52.5440, -5.1200



151.9070, -84.4020, -34.2740



181.3630, -4.3150, 28.6530

Complementary

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



176.9580, 52.5440, -5.1200



157.0420, -52.5440, 5.1200

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.



174.8460, -45.7600, 14.3360



176.9580, 52.5440, -5.1200



139.7730, -124.8870, -32.9430

Square

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



176.9580, 52.5440, -5.1200



163.1450, -38.2780, -33.1740



160.7000, -87.1120, -7.1760



182.6630, 30.0710, 33.2310

Rectangle

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



176.9580, 52.5440, -5.1200



171.5840, 11.8340, -27.2540



160.7000, -87.1120, -7.1760



180.0130, -18.0690, 24.6110

Sweetspot

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



176.9580, 52.5440, -5.1200



239.5150, 17.4230, -1.8810



150.8120, 49.0050, 42.5170



118.3340, 10.6830, -0.8770



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.



176.9580, 52.5440, -5.1200



190.8430, 71.8010, -7.1990



209.8300, 37.1440, -34.4080



107.2240, 5.1810, -0.2830



103.1060, 81.2460, -7.6660



28.4400, 22.0080, -2.3760

Inverse Universe

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



157.0420, -52.5440, 5.1200



163.7440, -72.0760, 6.6760



124.1700, -37.1440, 34.4080



105.7760, -5.1810, 0.2830



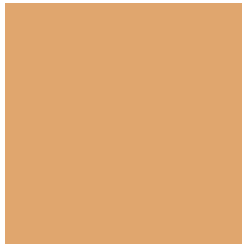
72.8940, -81.2460, 7.6660



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 176.9580, 52.5440, -5.1200 looks on a white background.

Color Contrast Check

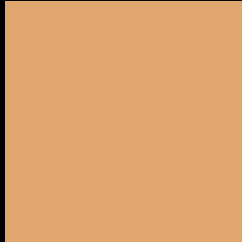
Large Text (above 18pt) WCAG AA × Fail

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 176.9580, 52.5440, -5.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

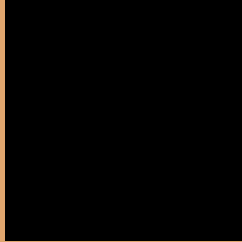
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.9580, 52.5440, -5.1200

Background



This preview shows how black text looks on a background with the YIQ color 176.9580, 52.5440, -5.1200.



This preview shows how white text looks on a background with the YIQ color 176.9580, 52.5440, -5.1200.

-5.1200.

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

176.9580, 52.5440, -5.1200

Protanopia

175.3030, 29.1630, -16.4130

Deuteranopia

176.5010, 46.4010, -9.4310



Tritanopia

180.5970, 38.4640, 18.7840

Trichromacy



Original Color

176.9580, 52.5440, -5.1200

Protanomaly

176.0160, 37.4610, -12.6110

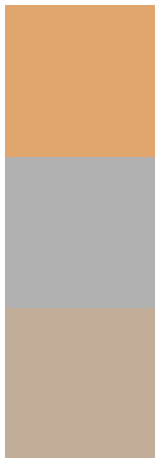
Deuteranomaly

176.8110, 48.4640, -8.2720

Tritanomaly

179.2520, 43.5090, 9.9490

Monochromacy



Original Color

176.9580, 52.5440, -5.1200

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9990, 18.9360, -1.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9580, 52.5440, -5.1200 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(224, 166, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 166, 110)  
}
```

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(224, 166, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 166, 110) }
```

Border

The CSS property to change the border of an element to YIQ 176.9580, 52.5440, -5.1200 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(224, 166, 110) }
```


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

```
.border{ border-color:rgb(224, 166, 110) }
```

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

Here you see how a box with a 4 pixel rgb(224, 166, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 166, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 166, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 166,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9580, 52.5440, -5.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 166, 110) }
```

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

```
.background{ background-color: rgb(224,  
166, 110) }
```

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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