

Converting Colors

YIQ(157.2220, 52.2210, 6.2450)

Have a look what the booklet for
YIQ(157.2220, 52.2210, 6.2450)
contains.

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Color

**YIQ(157.2220, 52.2210,
6.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	D38B6E
RGB	211, 139, 110
RGB Percent	83%, 55%, 43%
CMY	0.1724, 0.4550, 0.5684
CMYK	0.00, 0.34, 0.48, 0.17
HSL	17°, 53%, 63%
HSV	17°, 48%, 83%
XYZ	38.9211, 33.4382, 19.1714
YIQ	157.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

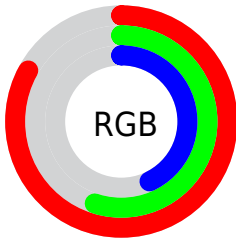
Format	Color
R_{YB}	211, 151, 110
Decimal	13863790
CIE Lab	64.51, 24.25, 26.72
CIE LCh	65, 36.084, 47.774
Yxy	33.4382, 0.4252, 0.3653
Android (android.graphics.Color)	4292053870 (0xFFD38B6E)
YUV	157.2220, -23.2804, 47.1633
Hunter-Lab	57.8258, 18.9488, 20.8211

Details

The YIQ color **157.2220, 52.2210, 6.2450** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **163.7780, -52.2210, -6.2450**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0040, 46.9030, 3.5030**, and **104.4710, 47.0860, 5.6940** is the 20% darker color. If you saturate the color by 10%, you get **146.0230, 63.0870, 7.5590**, and if you desaturate by 10%, it is **168.4210, 41.3550, 4.9310**.

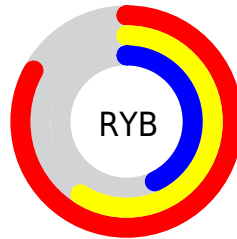
Distribution



Red (83%)

Green (55%)

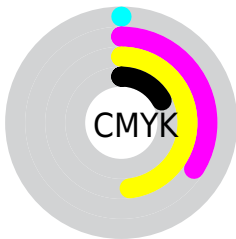
Blue (43%)



Red (83%)

Yellow (59%)

Blue (43%)

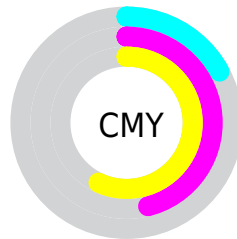


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (46%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.2220, 52.2210, 6.2450 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 157.2220, 52.2210, 6.2450 by changing the saturation by 10% instead.

 157.2220, 52.2210,
6.2450


 157.2220, 52.2210,
6.2450


255.0000, -0.0000,
-0.0000


 130.4390, 50.1120,
5.9200


 208.0040, 46.9030,
3.5030


 104.7700, 47.6820,
5.9060


 227.5180, 30.5360,
-2.7440


 79.8020, 44.6560,
5.6800

 247.7330, 13.5730,
-9.2030

 55.4210, 41.3550,
4.9310

 253.8600, 3.2100,
-3.1100

 32.6810, 37.6870,
5.3270

 13.7540, 27.4160,
9.7520

 0.5980, 1.1920,

0.4240

■ 0.0000, 0.0000,
0.0000

■ 157.2220, 52.2210,
6.2450

■ 157.2220, 52.2210,
6.2450

■ 146.0230, 63.0870,
7.5590

■ 168.4210, 41.3550,
4.9310

■ 134.8240, 73.9530,
8.8730

■ 179.6200, 30.4890,
3.6170

■ 123.6250, 84.8190,
10.1870

■ 190.8190, 19.6230,
2.3030

■ 112.4260, 95.6850,
11.5010

■ 202.0180, 8.7570,
0.9890

■ 101.2270,
106.5510, 12.8150

■ 213.3310, -2.4300,
-0.0140

■ 98.3090, 109.2560,
13.3520

■ 224.5300,
-13.2960, -1.3280

■ 235.3870,
-23.1990, -3.5750

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



158.6970, 49.9260, 20.3100



157.2220, 52.2210, 6.2450



155.1630, 41.5410, -9.4590

Triad

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



157.2220, 52.2210, 6.2450



141.6590, -45.4770, -29.3570



156.8220, -28.0170, 17.6710

Complementary

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



157.2220, 52.2210, 6.2450



163.7780, -52.2210, -6.2450

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.



146.6490, -64.7390, 0.3570



157.2220, 52.2210, 6.2450



130.1610, -87.9330, -30.8530

Square

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



157.2220, 52.2210, 6.2450



147.8620, -9.4400, -27.1680



129.4990, -100.2680, -22.0600



160.5830, 6.6890, 27.4650

Rectangle

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



157.2220, 52.2210, 6.2450



153.1780, 28.0170, -17.6710



129.4990, -100.2680, -22.0600



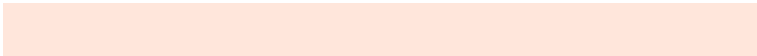
154.0160, -40.4870, 12.3850

Sweetspot

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



157.2220, 52.2210, 6.2450



236.2210, 18.4310, 1.8790



148.4070, 37.0840, 43.8040



116.1000, 11.4620, 1.5260



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.



157.2220, 52.2210, 6.2450



177.4220, 75.1450, 9.2970



186.5720, 38.4710, -19.9050



99.0500, 5.7310, 0.7630



78.4080, 86.9280, 10.5120



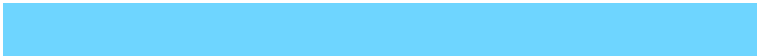
19.3030, 21.1360, 2.4160

Inverse Universe

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



163.7780, -52.2210, -6.2450



186.9910, -74.8700, -8.7740



134.4280, -38.4710, 19.9050



99.9500, -5.7310, -0.7630



89.5920, -86.9280, -10.5120



21.6970, -21.1360, -2.4160

Previews

White Background



This preview shows how the YIQ color 157.2220, 52.2210, 6.2450 looks on a white background.

Color Contrast Check

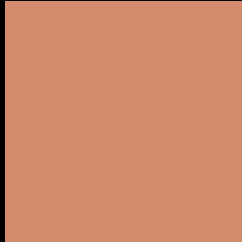
Large Text (above 18pt) WCAG AA × Fail

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 157.2220, 52.2210, 6.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

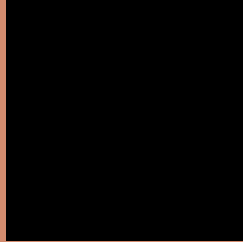
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.2220, 52.2210, 6.2450

Background



This preview shows how black text looks on a background with the YIQ color 157.2220, 52.2210, 6.2450.



This preview shows how white text looks on a background with the YIQ color 157.2220, 52.2210,

6.2450.

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

157.2220, 52.2210, 6.2450

Protanopia

155.8430, 19.0750, -9.7970

Deuteranopia

156.2750, 35.5340, -5.2180



Tritanopia

159.0600, 44.4700, 20.0700

Trichromacy



Original Color

157.2220, 52.2210, 6.2450

Protanomaly

156.1760, 31.4990, -3.6770

Deuteranomaly

156.7320, 41.6770, -0.9070

Tritanomaly

158.5670, 47.1760, 15.0800

Monochromacy



Original Color

157.2220, 52.2210, 6.2450

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.2220, 52.2210, 6.2450 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(211, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(211, 139, 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(211, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 139, 110) }
```

Border

The CSS property to change the border of an element to YIQ 157.2220, 52.2210, 6.2450 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(211, 139, 110) }
```


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

```
.border{ border-color:rgb(211, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(211, 139,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 157.2220, 52.2210, 6.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 139, 110) }
```

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

```
.background{ background-color: rgb(211,  
139, 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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