

Converting Colors

YIQ(155.2220, 52.2210, 6.2450)

Have a look what the booklet for
YIQ(155.2220, 52.2210, 6.2450)
contains.

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Color

**YIQ(155.2220, 52.2210,
6.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	D1896C
RGB	209, 137, 108
RGB Percent	82%, 54%, 42%
CMY	0.1802, 0.4628, 0.5762
CMYK	0.00, 0.34, 0.48, 0.18
HSL	17°, 52%, 62%
HSV	17°, 48%, 82%
XYZ	37.9568, 32.5277, 18.4816
YIQ	155.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

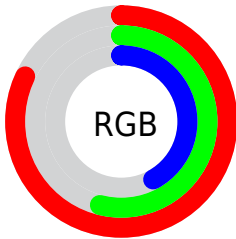
Format	Color
R _Y B	209, 149, 108
Decimal	13732204
CIE Lab	63.78, 24.34, 26.81
CIE LCh	64, 36.209, 47.766
Yxy	32.5277, 0.4266, 0.3656
Android (android.graphics.Color)	4291922284 (0xFFD1896C)
YUV	155.2220, -23.2804, 47.1633
Hunter-Lab	57.0330, 18.9881, 20.7101

Details

The YIQ color **155.2220, 52.2210, 6.2450** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **161.7780, -52.2210, -6.2450**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6020, 48.0950, 3.9270**, and **102.7700, 47.6820, 5.9060** is the 20% darker color. If you saturate the color by 10%, you get **144.0230, 63.0870, 7.5590**, and if you desaturate by 10%, it is **166.4210, 41.3550, 4.9310**.

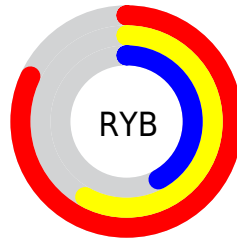
Distribution



Red (82%)

Green (54%)

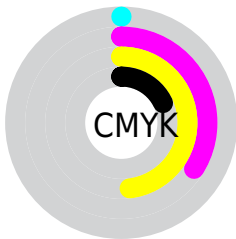
Blue (42%)



Red (82%)

Yellow (58%)

Blue (42%)

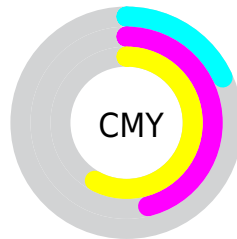


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.2220, 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 155.2220, 52.2210, 6.2450 by changing the saturation by 10% instead.

 155.2220, 52.2210,
6.2450


 155.2220, 52.2210,
6.2450


255.0000, -0.0000,
-0.0000

 128.5530, 49.7910,
6.2310


 206.6020, 48.0950,
3.9270


 102.7700, 47.6820,
5.9060


 226.1160, 31.7280,
-2.3200


 77.8020, 44.6560,
5.6800

 245.7440, 15.0400,
-8.2560

 53.5350, 41.0340,
5.2420

 253.6320, 3.8520,
-3.7320

 30.9090, 37.0450,
5.9490

 13.4550, 26.8200,
9.5400

 0.0000, 0.0000,

0.0000

■ 155.2220, 52.2210,
6.2450

■ 155.2220, 52.2210,
6.2450

■ 144.0230, 63.0870,
7.5590

■ 166.4210, 41.3550,
4.9310

■ 132.8240, 73.9530,
8.8730

■ 177.6200, 30.4890,
3.6170

■ 121.6250, 84.8190,
10.1870

■ 188.8190, 19.6230,
2.3030

■ 110.4260, 95.6850,
11.5010

■ 200.0180, 8.7570,
0.9890

■ 99.3410, 106.2300,
13.1260

■ 211.2170, -2.1090,
-0.3250

■ 97.7110, 108.0640,
12.9280

■ 221.7150,
-12.3790, -1.4270

■ 232.9140,
-23.2450, -2.7410

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



156.6970, 49.9260, 20.3100



155.2220, 52.2210, 6.2450



153.1630, 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.



155.2220, 52.2210, 6.2450



139.3600, -46.0730, -29.5690



154.5230, -28.6130, 17.4590

Complementary

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



155.2220, 52.2210, 6.2450



161.7780, -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.



144.3500, -65.3350, 0.1450



155.2220, 52.2210, 6.2450



126.6660, -90.9130, -31.9130

Square

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



155.2220, 52.2210, 6.2450



145.8620, -9.4400, -27.1680



124.5090, -106.2280, -24.1800



158.5830, 6.6890, 27.4650

Rectangle

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



155.2220, 52.2210, 6.2450



151.1780, 28.0170, -17.6710



124.5090, -106.2280, -24.1800



152.0160, -40.4870, 12.3850

Sweetspot

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



155.2220, 52.2210, 6.2450



236.2210, 18.4310, 1.8790



146.4070, 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.



155.2220, 52.2210, 6.2450



175.9060, 76.6580, 9.4100



184.5720, 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.



161.7780, -52.2210, -6.2450



186.0940, -76.6580, -9.4100



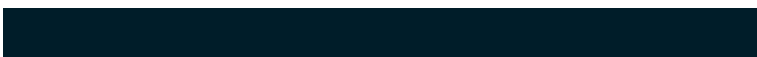
132.4280, -38.4710, 19.9050



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 155.2220, 52.2210, 6.2450 looks on a white background.

Color Contrast Check

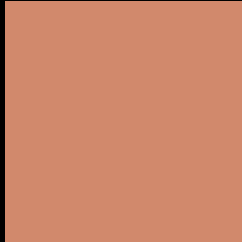
Large Text (above 18pt) WCAG AA × Fail

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 155.2220, 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 155.2220, 52.2210, 6.2450

Background



This preview shows how black text looks on a background with the YIQ color 155.2220, 52.2210, 6.2450.



This preview shows how white text looks on a background with the YIQ color 155.2220, 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

155.2220, 52.2210, 6.2450

Protanopia

153.8430, 19.0750, -9.7970

Deuteranopia

154.2750, 35.5340, -5.2180



Tritanopia

157.0600, 44.4700, 20.0700

Trichromacy



Original Color

155.2220, 52.2210, 6.2450

Protanomaly

154.1760, 31.4990, -3.6770

Deuteranomaly

154.7320, 41.6770, -0.9070

Tritanomaly

156.5670, 47.1760, 15.0800

Monochromacy



Original Color

155.2220, 52.2210, 6.2450

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2220, 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(209, 137, 108)` looks like.

```
.text, #text, p{  
    color:rgb(209, 137, 108)  
}
```

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(209, 137, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 137, 108) }
```

Border

The CSS property to change the border of an element to YIQ 155.2220, 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(209, 137, 108) }
```


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

```
.border{ border-color:rgb(209, 137, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 137, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 137, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 137, 108);  
box-shadow:4px 4px 4px 4px rgb(209, 137,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2220, 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(209, 137, 108) }
```

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

```
.background{ background-color: rgb(209,  
137, 108) }
```

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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