

Converting Colors

YIQ(155.9510, 54.4220, 4.9020)

Have a look what the booklet for
YIQ(155.9510, 54.4220, 4.9020)
contains.

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Color

**YIQ(155.9510, 54.4220,
4.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	D38A68
RGB	211, 138, 104
RGB Percent	83%, 54%, 41%
CMY	0.1724, 0.4589, 0.5919
CMYK	0.00, 0.35, 0.51, 0.17
HSL	19°, 55%, 62%
HSV	19°, 51%, 83%
XYZ	38.4610, 33.0235, 17.4602
YIQ	155.9510, 54.4220, 4.9020

Conversions

Conversions Part 2

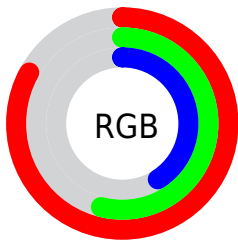
Format	Color
R_{YB}	211, 154, 104
Decimal	13863528
CIE Lab	64.18, 24.22, 29.58
CIE LCh	64, 38.235, 50.690
Yxy	33.0235, 0.4324, 0.3713
Android (android.graphics.Color)	4292053608 (0xFFD38A68)
YUV	155.9510, -25.6118, 48.2780
Hunter-Lab	57.4661, 18.9012, 22.2119

Details

The YIQ color **155.9510, 54.4220, 4.9020** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.0490, -54.4220, -4.9020**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.7330, 49.1040, 2.1600**, and **103.2000, 49.2870, 4.3510** is the 20% darker color. If you saturate the color by 10%, you get **145.3390, 65.0130, 5.6930**, and if you desaturate by 10%, it is **166.5630, 43.8310, 4.1110**.

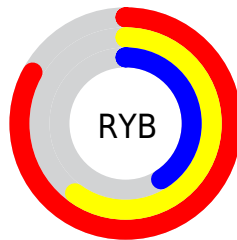
Distribution



Red (83%)

Green (54%)

Blue (41%)



Red (83%)

Yellow (60%)

Blue (41%)

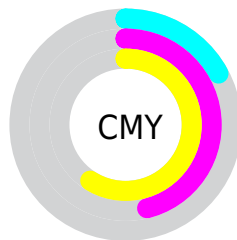


Cyan (0%)

Magenta (35%)

Yellow (51%)

Black (17%)



Cyan (17%)


Magenta (46%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9510, 54.4220, 4.9020 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 155.9510, 54.4220, 4.9020 by changing the saturation by 10% instead.


 155.9510, 54.4220,
4.9020


 155.9510, 54.4220,
4.9020


255.0000, -0.0000,
-0.0000


 129.2820, 51.9920,
4.8880


 206.7330, 49.1040,
2.1600


 103.2000, 49.2870,
4.3510


 226.2470, 32.7370,
-4.0870


 78.2320, 46.2610,
4.1250

 246.3480, 16.0950,
-10.8570

 54.1500, 43.5560,
3.5880

 253.1760, 5.1360,
-4.9760

 31.7950, 37.3660,
5.6380

 13.4550, 26.8200,
9.5400

 0.0000, 0.0000,

0.0000

■ 155.9510, 54.4220,
4.9020

■ 155.9510, 54.4220,
4.9020

■ 145.3390, 65.0130,
5.6930

■ 166.5630, 43.8310,
4.1110

■ 134.1400, 75.8790,
7.0070

■ 177.7620, 32.9650,
2.7970

■ 123.5280, 86.4700,
7.7980

■ 188.3740, 22.3740,
2.0060

■ 112.3290, 97.3360,
9.1120

■ 199.5730, 11.5080,
0.6920

■ 102.4180,
107.3310, 9.6910

■ 210.2990, 0.5960,
0.2120

■ 220.9110, -9.9950,
-0.5790

■ 232.1100,
-20.8610, -1.8930

■ 240.6700,
-25.6740, -8.2820

■ 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.



157.8500, 53.8690, 20.4370



155.9510, 54.4220, 4.9020



153.9950, 41.9540, -11.4380

Triad

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



155.9510, 54.4220, 4.9020



137.5870, -54.1420, -32.0140



156.3600, -26.5960, 19.4520

Complementary

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



155.9510, 54.4220, 4.9020



159.0490, -54.4220, -4.9020

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.



145.2190, -66.3440, 1.9120



155.9510, 54.4220, 4.9020



121.8430, -104.7130, -35.1210

Square

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



155.9510, 54.4220, 4.9020



145.9430, -14.1620, -29.6980



123.3880, -113.1970, -24.5330



159.9040, 10.2190, 29.5710

Rectangle

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



155.9510, 54.4220, 4.9020



151.7110, 27.8340, -19.8620



123.3880, -113.1970, -24.5330



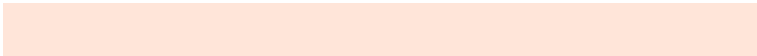
153.6680, -39.3870, 14.4770

Sweetspot

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



155.9510, 54.4220, 4.9020



235.4060, 19.3480, 1.7800



144.3150, 40.3390, 45.3870



115.9860, 11.7830, 1.2150



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.



155.9510, 54.4220, 4.9020



174.9940, 79.2260, 6.9220



187.0620, 39.8470, -22.8170



99.0500, 5.7310, 0.7630



81.3430, 85.5530, 7.8970



19.8900, 20.8610, 1.8930

Inverse Universe

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



159.0490, -54.4220, -4.9020



179.5930, -79.5010, -7.4450



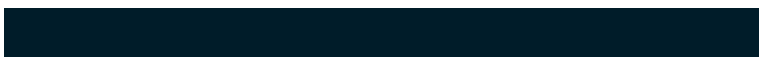
127.9380, -39.8470, 22.8170



99.3630, -5.4560, -0.2400



86.6570, -85.5530, -7.8970



21.1100, -20.8610, -1.8930

Previews

White Background



This preview shows how the YIQ color 155.9510, 54.4220, 4.9020 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 155.9510, 54.4220, 4.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

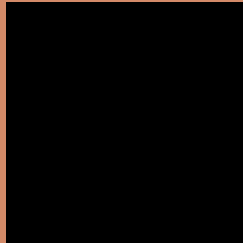
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.9510, 54.4220, 4.9020

Background



This preview shows how black text looks on a background with the YIQ color 155.9510, 54.4220, 4.9020.



This preview shows how white text looks on a background with the YIQ color 155.9510, 54.4220,

4.9020.

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

155.9510, 54.4220, 4.9020

Protanopia

154.4580, 21.5970, -11.4510

Deuteranopia

155.0040, 37.7350, -6.5610



Tritanopia

158.3590, 45.0660, 20.2820

Trichromacy



Original Color

155.9510, 54.4220, 4.9020

Protanomaly

154.7910, 34.0210, -5.3310

Deuteranomaly

155.4610, 43.8780, -2.2500

Tritanomaly

157.6380, 48.4140, 14.6700

Monochromacy



Original Color

155.9510, 54.4220, 4.9020

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7050, 19.9440, 1.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9510, 54.4220, 4.9020 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, 138, 104)` looks like.

```
.text, #text, p{  
    color:rgb(211, 138, 104)  
}
```

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, 138, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 138, 104) }
```

Border

The CSS property to change the border of an element to YIQ 155.9510, 54.4220, 4.9020 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, 138, 104) }
```


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

```
.border{ border-color:rgb(211, 138, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 138, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 138, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 138, 104);  
box-shadow:4px 4px 4px 4px rgb(211, 138,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9510, 54.4220, 4.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 138, 104) }
```

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

```
.background{ background-color: rgb(211,  
138, 104) }
```

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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