

Converting Colors

YIQ(149.2710, 50.5250, 3.9410)

Have a look what the booklet for
YIQ(149.2710, 50.5250, 3.9410)
contains.

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Color

**YIQ(149.2710, 50.5250,
3.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	C88564
RGB	200, 133, 100
RGB Percent	78%, 52%, 39%
CMY	0.2155, 0.4785, 0.6076
CMYK	0.00, 0.34, 0.50, 0.22
HSL	20°, 48%, 59%
HSV	20°, 50%, 78%
XYZ	34.5156, 29.9728, 16.0374
YIQ	149.2710, 50.5250, 3.9410

Conversions

Conversions Part 2

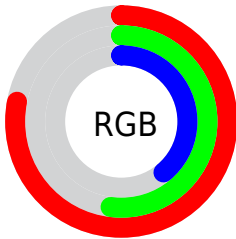
Format	Color
R_{YB}	200, 149, 100
Decimal	13141348
CIE _{Lab}	61.63, 22.11, 28.22
CIE _{LCh}	62, 35.851, 51.931
Yxy	29.9728, 0.4286, 0.3722
Android (android.graphics.Color)	4291331428 (0xFFC88564)
YUV	149.2710, -24.2906, 44.4893
Hunter-Lab	54.7474, 16.7277, 20.9551

Details

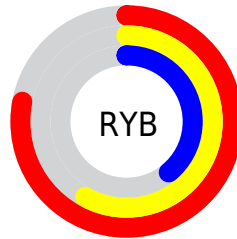
The YIQ color **149.2710, 50.5250, 3.9410** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **150.7290, -50.5250, -3.9410**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.6410, 52.3590, 3.7430**, and **97.5200, 45.3900, 3.3900** is the 20% darker color. If you saturate the color by 10%, you get **139.3600, 60.5200, 4.5200**, and if you desaturate by 10%, it is **159.1820, 40.5300, 3.3620**.

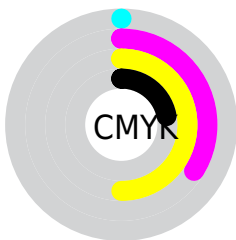
Distribution



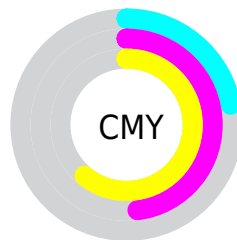
- Red (78%)
- Green (52%)
- Blue (39%)



- Red (78%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (22%)





- Cyan (22%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.2710, 50.5250, 3.9410 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 149.2710, 50.5250, 3.9410 by changing the saturation by 10% instead.


 149.2710, 50.5250,
3.9410


 149.2710, 50.5250,
3.9410


255.0000, -0.0000,
-0.0000

 122.6020, 48.0950,
3.9270


 202.6410, 52.3590,
3.7430


 97.5200, 45.3900,
3.3900


 222.1550, 35.9920,
-2.5040


 72.5520, 42.3640,
3.1640

 242.3700, 19.0290,
-8.9630

 48.9430, 39.7050,
1.7930

 252.6060, 6.7410,
-6.5310

 27.3430, 32.8270,
5.2990

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

■ 149.2710, 50.5250,
3.9410

■ 149.2710, 50.5250,
3.9410

■ 139.3600, 60.5200,
4.5200

■ 159.1820, 40.5300,
3.3620

■ 128.8620, 70.7900,
5.6220

■ 169.6800, 30.2600,
2.2600

■ 118.9510, 80.7850,
6.2010

■ 179.5910, 20.2650,
1.6810

■ 108.4530, 91.0550,
7.3030

■ 190.0890, 9.9950,
0.5790

■ 98.5420, 101.0500,
7.8820

■ 200.0000, -0.0000,
-0.0000

■ 209.9110, -9.9950,
-0.5790

■ 220.4090,
-20.2650, -1.6810

■ 229.7500,
-28.6550, -3.8150

■ 237.9680,
-32.5050, -11.1370

Harmonies

Analogous

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



150.6430, 50.0180, 18.6420



149.2710, 50.5250, 3.9410



147.2550, 38.2860, -11.0420

Triad

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



149.2710, 50.5250, 3.9410



132.4350, -50.6580, -29.0740



150.1000, -22.9280, 19.0560

Complementary

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



149.2710, 50.5250, 3.9410



150.7290, -50.5250, -3.9410

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.



140.4540, -59.6960, 2.5760



149.2710, 50.5250, 3.9410



116.3490, -100.2660, -33.1140

Square

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



149.2710, 50.5250, 3.9410



139.5240, -14.3000, -27.1960



120.0580, -103.3400, -21.4520



152.7360, 10.6320, 27.5920

Rectangle

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



149.2710, 50.5250, 3.9410



145.3840, 24.4410, -18.9430



120.0580, -103.3400, -21.4520



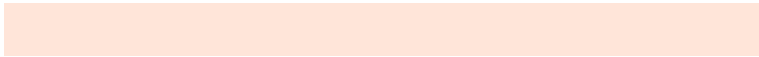
147.7070, -35.1230, 14.2930

Sweetspot

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



149.2710, 50.5250, 3.9410



235.4060, 19.3480, 1.7800



137.6520, 37.7720, 42.3480



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.



149.2710, 50.5250, 3.9410



177.0970, 77.4380, 6.2860



178.0340, 37.0500, -21.6860



94.4520, 4.5390, 0.3390



80.4350, 82.2980, 6.3140



17.8080, 18.1560, 1.3560

Inverse Universe

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



150.7290, -50.5250, -3.9410



179.9030, -77.4380, -6.2860



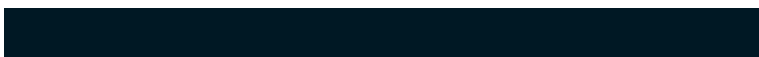
121.9660, -37.0500, 21.6860



94.5480, -4.5390, -0.3390



82.5650, -82.2980, -6.3140



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 149.2710, 50.5250, 3.9410 looks on a white background.

Color Contrast Check

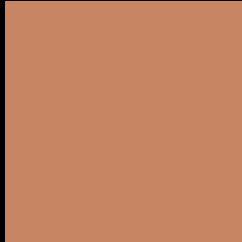
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2710, 50.5250, 3.9410 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 149.2710, 50.5250, 3.9410

Background



This preview shows how black text looks on a background with the YIQ color 149.2710, 50.5250, 3.9410.



This preview shows how white text looks on a background with the YIQ color 149.2710, 50.5250,

3.9410.

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

149.2710, 50.5250, 3.9410

Protanopia

147.8000, 20.6340, -10.5180

Deuteranopia

148.6340, 35.9010, -6.3630



Tritanopia

151.5650, 41.4900, 19.0100

Trichromacy



Original Color

149.2710, 50.5250, 3.9410

Protanomaly

148.1220, 31.5910, -5.3450

Deuteranomaly

148.7920, 41.4480, -2.2640

Tritanomaly

150.8440, 44.8380, 13.3980

Monochromacy



Original Color

149.2710, 50.5250, 3.9410

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1070, 18.7520, 1.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2710, 50.5250, 3.9410 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(200, 133, 100)` looks like.

```
.text, #text, p{  
    color:rgb(200, 133, 100)  
}
```

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(200, 133, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 133, 100) }
```

Border

The CSS property to change the border of an element to YIQ 149.2710, 50.5250, 3.9410 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(200, 133, 100) }
```


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

```
.border{ border-color:rgb(200, 133, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 133, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 133, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 133, 100);  
box-shadow:4px 4px 4px 4px rgb(200, 133,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2710, 50.5250, 3.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 133, 100) }
```

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

```
.background{ background-color: rgb(200,  
133, 100) }
```

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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