

Converting Colors

YIQ(157.2220, 25.8580, 4.9460)

Have a look what the booklet for
YIQ(157.2220, 25.8580, 4.9460)
contains.

YIQ(157.2220, 25.8580, 4.9460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.2220, 25.8580,
4.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	B99389
RGB	185, 147, 137
RGB Percent	73%, 58%, 54%
CMY	0.2744, 0.4236, 0.4626
CMYK	0.00, 0.21, 0.26, 0.27
HSL	12°, 26%, 63%
HSV	12°, 26%, 73%
XYZ	34.9614, 32.9864, 28.2018
YIQ	157.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

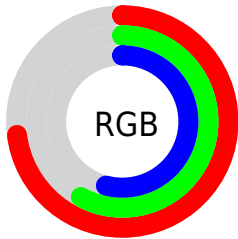
Format	Color
R_{YB}	185, 150, 137
Decimal	12161929
CIE _{Lab}	64.15, 12.78, 10.70
CIE _{LCh}	64, 16.666, 39.949
Yxy	32.9864, 0.3636, 0.3431
Android (android.graphics.Color)	4290352009 (0xFFB99389)
YUV	157.2220, -9.9694, 24.3613
Hunter-Lab	57.4338, 8.1483, 11.0903

Details

The YIQ color **157.2220, 25.8580, 4.9460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164.7780, -25.8580, -4.9460**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.0050, 27.9670, 5.2710**, and **105.4390, 23.7490, 4.6210** is the 20% darker color. If you saturate the color by 10%, you get **146.3650, 35.7610, 7.1930**, and if you desaturate by 10%, it is **168.1930, 15.6340, 3.0100**.

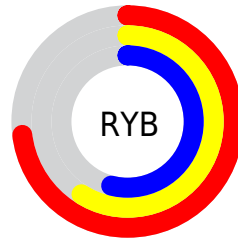
Distribution



Red (73%)

Green (58%)

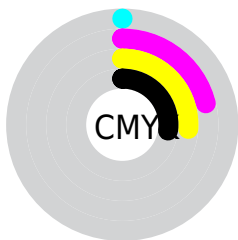
Blue (54%)



Red (73%)

Yellow (59%)

Blue (54%)

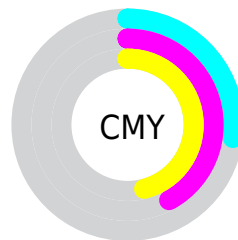


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.2220, 25.8580, 4.9460 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, 25.8580, 4.9460 by changing the saturation by 10% instead.

 157.2220, 25.8580,
4.9460


 157.2220, 25.8580,
4.9460


255.0000, -0.0000,
-0.0000


 131.0370, 24.9410,
5.0450


 212.0050, 27.9670,
5.2710


 105.4390, 23.7490,
4.6210


 235.5200, 19.0270,
2.0910

 80.9550, 22.2360,
4.5080

 254.0880, 2.5680,
-2.4880

 58.0580, 20.4480,
3.8720

 35.6880, 18.6140,
4.0700

 12.8130, 19.7600,
5.3280

 0.0000, 0.0000,

0.0000

■ 157.2220, 25.8580,
4.9460

■ 157.2220, 25.8580,
4.9460

■ 146.3650, 35.7610,
7.1930

■ 168.1930, 15.6340,
3.0100

■ 135.9810, 45.7100,
8.6060

■ 178.4630, 6.0060,
1.2860

■ 125.1240, 55.6130,
10.8530

■ 189.4340, -4.2180,
-0.6500

■ 114.1530, 65.8370,
12.7890

■ 200.2910,
-14.1210, -2.8970

■ 103.8830, 75.4650,
14.5130

■ 210.6750,
-24.0700, -4.3100

■ 92.9120, 85.6890,
16.4490

■ 221.5320,
-33.9730, -6.5570

■ 82.0550, 95.5920,
18.6960

■ 231.1350,
-40.3450, -12.2250

■ 77.6210, 99.8100,
19.3460

■ 234.0700,
-41.7200, -14.8400

Harmonies

Analogous

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



157.9430, 22.5100, 10.5580



157.2220, 25.8580, 4.9460



155.8530, 22.2830, -1.8530

Triad

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



157.2220, 25.8580, 4.9460



150.7820, -14.4860, -12.8060



155.4300, -15.5900, 7.2100

Complementary

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



157.2220, 25.8580, 4.9460



164.7780, -25.8580, -4.9460

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.



152.7550, -27.0510, 0.1570



157.2220, 25.8580, 4.9460



149.7900, -26.1320, -10.9960

Square

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



157.2220, 25.8580, 4.9460



152.3230, 0.0480, -11.8880



150.5000, -30.9470, -6.3310



157.3780, -0.6440, 11.6760

Rectangle

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



157.2220, 25.8580, 4.9460



154.6950, 16.7360, -5.9520



150.5000, -30.9470, -6.3310



154.8100, -19.7160, 4.8920

Sweetspot

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



157.2220, 25.8580, 4.9460



229.0290, 10.2240, 1.9360



155.6840, 16.4100, 21.9940



112.7620, 6.6020, 1.4980



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.2220, 25.8580, 4.9460



196.8170, 40.3000, 7.5320



171.3100, 19.2580, -7.6060



86.8650, 4.8140, 0.8620



65.4280, 84.1760, 16.3360



11.8940, 15.0380, 2.7980

Inverse Universe

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



164.7780, -25.8580, -4.9460



208.1830, -40.3000, -7.5320



150.6900, -19.2580, 7.6060



88.1350, -4.8140, -0.8620



89.9850, -83.9010, -15.8130



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 157.2220, 25.8580, 4.9460 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, 25.8580, 4.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

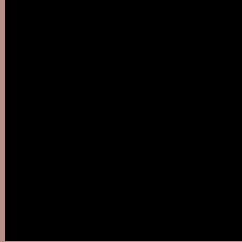
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.2220, 25.8580, 4.9460

Background



This preview shows how black text looks on a background with the YIQ color 157.2220, 25.8580, 4.9460.



This preview shows how white text looks on a background with the YIQ color 157.2220, 25.8580,

4.9460.

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, 25.8580, 4.9460

Protanopia

155.4970, 8.6660, -2.8700

Deuteranopia

156.7760, 21.1820, 1.5820



Tritanopia

158.1110, 22.0970, 12.5370

Trichromacy



Original Color

157.2220, 25.8580, 4.9460

Protanomaly

156.0140, 14.5800, 0.0840

Deuteranomaly

157.0860, 23.2450, 2.7410

Tritanomaly

157.6010, 23.4730, 9.6250

Monochromacy



Original Color

157.2220, 25.8580, 4.9460

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.8440, 9.3070, 2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.2220, 25.8580, 4.9460 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(185, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 137)  
}
```

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(185, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 137) }
```

Border

The CSS property to change the border of an element to YIQ 157.2220, 25.8580, 4.9460 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(185, 147, 137) }
```


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

```
.border{ border-color:rgb(185, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 147, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 147, 137); box-shadow:4px 4px 4px 4px rgb(185, 147, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 157.2220, 25.8580, 4.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 147, 137) }
```

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

```
.background{ background-color: rgb(185,  
147, 137) }
```

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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