

Converting Colors

YIQ(156.7460, 29.8940, -2.1220)

Have a look what the booklet for
YIQ(156.7460, 29.8940, -2.1220)
contains.

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Color

**YIQ(156.7460, 29.8940,
-2.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	B89678
RGB	184, 150, 120
RGB Percent	72%, 59%, 47%
CMY	0.2784, 0.4118, 0.5293
CMYK	0.00, 0.18, 0.35, 0.28
HSL	28°, 31%, 60%
HSV	28°, 35%, 72%
XYZ	34.0674, 33.3574, 22.4239
YIQ	156.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

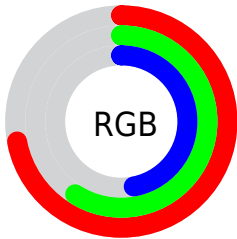
Format	Color
RYB	184, 176, 120
Decimal	12097144
CIELab	64.45, 8.41, 20.60
CIELCh	64, 22.247, 67.798
Yxy	33.3574, 0.3792, 0.3713
Android (android.graphics.Color)	4290287224 (0xFFB89678)
YUV	156.7460, -18.1158, 23.9018
Hunter-Lab	57.7558, 4.2159, 17.4095

Details

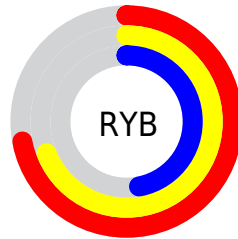
The YIQ color **156.7460, 29.8940, -2.1220** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **147.2540, -29.8940, 2.1220**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4150, 32.3240, -2.1080**, and **105.0770, 27.4640, -2.1360** is the 20% darker color. If you saturate the color by 10%, you get **148.8240, 38.4220, -2.4900**, and if you desaturate by 10%, it is **164.6680, 21.3660, -1.7540**.

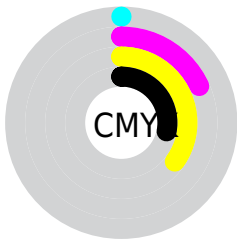
Distribution



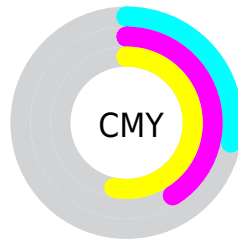
- Red (72%)
- Green (59%)
- Blue (47%)



- Red (72%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.7460, 29.8940, -2.1220 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 156.7460, 29.8940, -2.1220 by changing the saturation by 10% instead.


 156.7460, 29.8940,
-2.1220


 156.7460, 29.8940,
-2.1220


255.0000, -0.0000,
-0.0000

 130.5610, 28.9770,
-2.0230


 211.4150, 32.3240,
-2.1080


 105.0770, 27.4640,
-2.1360


 235.2290, 23.9800,
-5.0760

 80.7070, 25.6300,
-1.9380

 251.9220, 8.6670,
-8.3970

 57.5110, 23.2460,
-2.7860

 34.8700, 23.6130,
-3.9310

 14.8510, 16.5970,
2.0770

 0.0000, 0.0000,

0.0000

■ 156.7460, 29.8940,
-2.1220

■ 156.7460, 29.8940,
-2.1220

■ 148.8240, 38.4220,
-2.4900

■ 164.6680, 21.3660,
-1.7540

■ 140.7880, 47.2710,
-3.1690

■ 172.7040, 12.5170,
-1.0750

■ 133.4530, 55.5240,
-4.0600

■ 180.0390, 4.2640,
-0.1840

■ 125.4170, 64.3730,
-4.7390

■ 188.0750, -4.5850,
0.4950

■ 117.4950, 72.9010,
-5.1070

■ 195.9970,
-13.1130, 0.8630

■ 109.5730, 81.4290,
-5.4750

■ 203.9190,
-21.6410, 1.2310

■ 105.4980, 86.0140,
-5.9700

■ 211.3680,
-30.2150, 2.4330

■ 217.9220,
-34.8910, -0.9310

■ 223.7920,
-37.6410, -6.1610

Harmonies

Analogous

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



157.9950, 33.9270, 7.3910



156.7460, 29.8940, -2.1220



155.1310, 18.2040, -10.5320

Triad

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



156.7460, 29.8940, -2.1220



148.0660, -35.8970, -15.7450



158.5290, -2.3870, 15.7330

Complementary

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



156.7460, 29.8940, -2.1220



147.2540, -29.8940, 2.1220

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.



155.3630, -22.6510, 8.5250



156.7460, 29.8940, -2.1220



147.8620, -43.8300, -9.6380

Square

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



156.7460, 29.8940, -2.1220



149.6950, -18.7950, -17.3150



151.0680, -38.2380, -0.8460



159.7500, 16.0440, 17.6120

Rectangle

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



156.7460, 29.8940, -2.1220



153.4500, 6.8800, -14.5600



151.0680, -38.2380, -0.8460



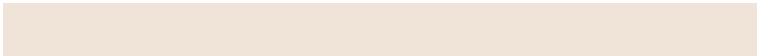
158.2400, -8.9430, 13.4010

Sweetspot

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



156.7460, 29.8940, -2.1220



229.6330, 11.2790, -0.6650



143.0120, 27.2300, 24.1420



113.5940, 7.0150, -0.4810



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.



156.7460, 29.8940, -2.1220



196.7880, 47.2710, -3.1690



175.5300, 21.0940, -18.8580



88.0390, 4.2640, -0.1840



89.4950, 72.9010, -5.1070



16.0030, 13.1130, -0.8630

Inverse Universe

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



147.2540, -29.8940, 2.1220



182.2120, -47.2710, 3.1690



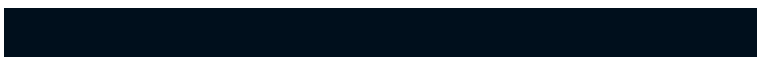
128.4700, -21.0940, 18.8580



86.9610, -4.2640, 0.1840



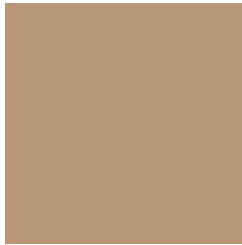
66.5050, -72.9010, 5.1070



11.9970, -13.1130, 0.8630

Previews

White Background



This preview shows how the YIQ color 156.7460, 29.8940, -2.1220 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 156.7460, 29.8940, -2.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

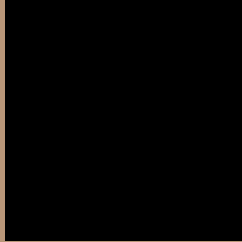
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.7460, 29.8940, -2.1220

Background



This preview shows how black text looks on a background with the YIQ color 156.7460, 29.8940, -2.1220.



This preview shows how white text looks on a background with the YIQ color 156.7460, 29.8940,

-2.1220.

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

156.7460, 29.8940, -2.1220

Protanopia

155.5270, 17.1490, -7.9310

Deuteranopia

156.7460, 29.8940, -2.1220



Tritanopia

159.1110, 22.0970, 12.5370

Trichromacy



Original Color

156.7460, 29.8940, -2.1220

Protanomaly

156.0330, 21.5960, -5.9240

Deuteranomaly

156.7460, 29.8940, -2.1220

Tritanomaly

158.5040, 25.1240, 7.2360

Monochromacy



Original Color

156.7460, 29.8940, -2.1220

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.7470, 10.9580, -0.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.7460, 29.8940, -2.1220 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(184, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(184, 150, 120)  
}
```

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(184, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 150, 120) }
```

Border

The CSS property to change the border of an element to YIQ 156.7460, 29.8940, -2.1220 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(184, 150, 120) }
```


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

```
.border{ border-color:rgb(184, 150, 120) }
```

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

Here you see how a box with a 4 pixel rgb(184, 150, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(184, 150,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 156.7460, 29.8940, -2.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 150, 120) }
```

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

```
.background{ background-color: rgb(184,  
150, 120) }
```

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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