

Converting Colors

YIQ(158.7070, 16.4620,
-12.0020)

Have a look what the booklet for
YIQ(158.7070, 16.4620, -12.0020)
contains.

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Color

**YIQ(158.7070, 16.4620,
-12.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A278
RGB	167, 162, 120
RGB Percent	65%, 64%, 47%
CMY	0.3451, 0.3647, 0.5293
CMYK	0.00, 0.03, 0.28, 0.35
HSL	54°, 21%, 56%
HSV	54°, 28%, 65%
XYZ	32.2472, 35.4116, 22.9128
YIQ	158.7070, 16.4620, -12.0020

Conversions

Conversions Part 2

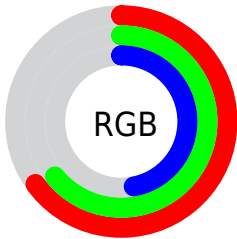
Format	Color
RYB	126, 167, 120
Decimal	10986104
CIELab	66.07, -5.01, 22.54
CIELCh	66, 23.087, 102.539
Yxy	35.4116, 0.3560, 0.3910
Android (android.graphics.Color)	4289176184 (0xFFA7A278)
YUV	158.7070, -19.0826, 7.2730
Hunter-Lab	59.5077, -7.4093, 18.8264

Details

The YIQ color **158.7070, 16.4620, -12.0020** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.2930, -16.4620, 12.0020**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7780, 17.7000, -12.4120**, and **107.3370, 14.6280, -11.8040** is the 20% darker color. If you saturate the color by 10%, you get **155.5950, 22.4690, -16.2430**, and if you desaturate by 10%, it is **161.8190, 10.4550, -7.7610**.

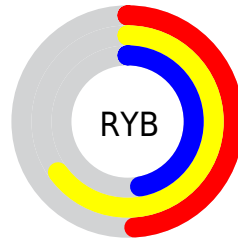
Distribution



Red (65%)

Green (64%)

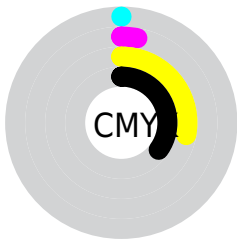
Blue (47%)



Red (49%)

Yellow (65%)

Blue (47%)

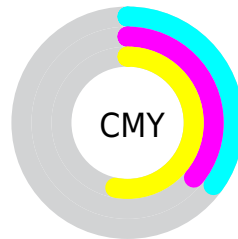


Cyan (0%)

Magenta (3%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.7070, 16.4620, -12.0020 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 158.7070, 16.4620, -12.0020 by changing the saturation by 10% instead.


 158.7070, 16.4620,
-12.0020


 158.7070, 16.4620,
-12.0020


255.0000, -0.0000,
-0.0000

 132.5220, 15.5450,
-11.9030


 213.7780, 17.7000,
-12.4120


 107.3370, 14.6280,
-11.8040


 241.6640, 18.0210,
-12.7230

 82.5650, 13.9860,
-11.1820

 251.9220, 8.6670,
-8.3970

 59.3800, 13.0690,
-11.0830

 37.1520, 13.7110,
-11.7050

 18.0080, 5.5490,
-6.9550

 0.0000, 0.0000,

0.0000

■ 158.7070, 16.4620,
-12.0020

■ 158.7070, 16.4620,
-12.0020

■ 155.5950, 22.4690,
-16.2430

■ 161.8190, 10.4550,
-7.7610

■ 152.5970, 28.1550,
-20.1730

■ 164.8170, 4.7690,
-3.8310

■ 150.0720, 33.8870,
-24.9370

■ 167.3420, -0.9630,
0.9330

■ 146.9600, 39.8940,
-29.1780

■ 170.4540, -6.9700,
5.1740

■ 143.9620, 45.5800,
-33.1080

■ 173.5660,
-12.9770, 9.4150

■ 140.8500, 51.5870,
-37.3490

■ 176.5640,
-18.6630, 13.3450

■ 138.3250, 57.3190,
-42.1130

■ 179.0890,
-24.3950, 18.1090

■ 137.3960, 58.5570,
-42.5230

■ 182.2010,
-30.4020, 22.3500

■ 183.4890,
-31.2730, 21.6150

Harmonies

Analogous

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



160.8060, 29.6650, -3.4790



158.7070, 16.4620, -12.0020



156.4920, -2.1060, -16.9060

Triad

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



158.7070, 16.4620, -12.0020



152.3070, -46.5810, -9.3410



164.1310, 19.3450, 18.3610

Complementary

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



158.7070, 16.4620, -12.0020



128.2930, -16.4620, 12.0020

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.



163.3230, 1.1890, 17.0050



158.7070, 16.4620, -12.0020



156.1220, -38.3300, 0.8220

Square

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



158.7070, 16.4620, -12.0020



151.3260, -39.5650, -15.3490



160.2000, -20.6340, 10.5180



163.7270, 32.0460, 13.9500

Rectangle

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



158.7070, 16.4620, -12.0020



154.1360, -15.7230, -17.9230



160.2000, -20.6340, 10.5180



163.9070, 14.1640, 18.6440

Sweetspot

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



158.7070, 16.4620, -12.0020



213.7740, 6.3280, -4.5520



134.7370, 26.0860, 11.8300



107.5720, 4.0810, -2.3750



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



158.7070, 16.4620, -12.0020



203.8680, 25.9540, -18.8300



156.2600, 4.3590, -18.4330



82.5010, 2.8430, -1.9650



121.7360, 51.9080, -37.6600



16.5460, 6.9700, -5.1740

Inverse Universe

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



128.2930, -16.4620, 12.0020



156.1320, -25.9540, 18.8300



130.7400, -4.3590, 18.4330



77.4990, -2.8430, 1.9650



26.2640, -51.9080, 37.6600



3.4540, -6.9700, 5.1740

Previews

White Background



This preview shows how the YIQ color 158.7070, 16.4620, -12.0020 looks on a white background.

Color Contrast Check

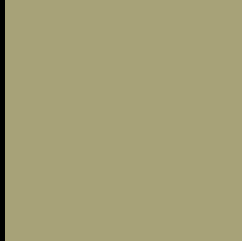
Large Text (above 18pt) WCAG AA × Fail

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 158.7070, 16.4620, -12.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

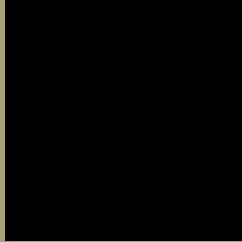
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.7070, 16.4620, -12.0020

Background



This preview shows how black text looks on a background with the YIQ color 158.7070, 16.4620, -12.0020.



This preview shows how white text looks on a background with the YIQ color 158.7070, 16.4620, -12.0020.

-12.0020.

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

158.7070, 16.4620, -12.0020

Protanopia

158.9140, 20.3130, -10.2070

Deuteranopia

160.8170, 31.1320, -2.5320



Tritanopia

162.4510, 6.2800, 7.3360

Trichromacy



Original Color

158.7070, 16.4620, -12.0020

Protanomaly

158.9030, 18.8460, -11.1540

Deuteranomaly

160.0720, 25.8600, -6.1080

Tritanomaly

161.0890, 9.9950, 0.5790

Monochromacy



Original Color

158.7070, 16.4620, -12.0020

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.8880, 6.0070, -4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.7070, 16.4620, -12.0020 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(167, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(167, 162, 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(167, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 162, 120) }
```

Border

The CSS property to change the border of an element to YIQ 158.7070, 16.4620, -12.0020 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(167, 162, 120) }
```


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

```
.border{ border-color:rgb(167, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(167, 162,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 158.7070, 16.4620, -12.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 162, 120) }
```

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

```
.background{ background-color: rgb(167,  
162, 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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