

Converting Colors

YIQ(164.0480, 17.2400, -4.0720)

Have a look what the booklet for
YIQ(164.0480, 17.2400, -4.0720)
contains.

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Color

**YIQ(164.0480, 17.2400,
-4.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A28A
RGB	178, 162, 138
RGB Percent	70%, 64%, 54%
CMY	0.3019, 0.3647, 0.4587
CMYK	0.00, 0.09, 0.22, 0.30
HSL	36°, 21%, 62%
HSV	36°, 22%, 70%
XYZ	35.8696, 37.1396, 29.3313
YIQ	164.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

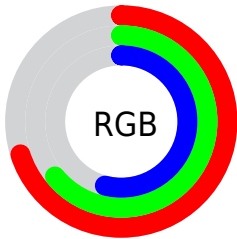
Format	Color
RYB	165, 178, 138
Decimal	11707018
CIELab	67.38, 1.92, 14.59
CIELCh	67, 14.720, 82.494
Yxy	37.1396, 0.3505, 0.3629
Android (android.graphics.Color)	4289897098 (0xFFB2A28A)
YUV	164.0480, -12.8417, 12.2359
Hunter-Lab	60.9422, -1.5866, 14.1235

Details

The YIQ color **164.0480, 17.2400, -4.0720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151.9520, -17.2400, 4.0720**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1190, 18.4780, -4.4820**, and **111.9770, 16.0020, -3.6620** is the 20% darker color. If you saturate the color by 10%, you get **157.8870, 24.9430, -6.0090**, and if you desaturate by 10%, it is **170.2090, 9.5370, -2.1350**.

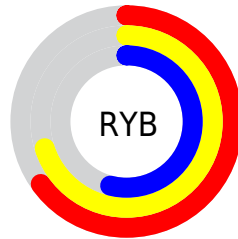
Distribution



Red (70%)

Green (64%)

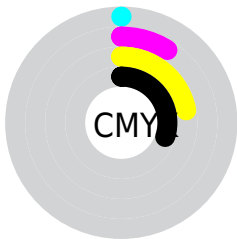
Blue (54%)



Red (65%)

Yellow (70%)

Blue (54%)

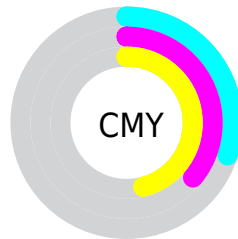


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.0480, 17.2400, -4.0720 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 164.0480, 17.2400, -4.0720 by changing the saturation by 10% instead.

■ 164.0480, 17.2400,
-4.0720

■ 164.0480, 17.2400,
-4.0720

■ 255.0000, -0.0000,
-0.0000

■ 137.8630, 16.3230,
-3.9730

■ 219.2330, 18.1570,
-4.1710

■ 111.9770, 16.0020,
-3.6620

■ 245.0260, 14.3060,
-5.9660

■ 87.7920, 15.0850,
-3.5630

■ 254.2020, 2.2470,
-2.1770

■ 64.1940, 13.8930,
-3.9870

■ 42.1230, 12.6550,
-3.5770

■ 21.8950, 13.2970,
-4.1990

■ 0.0000, 0.0000,

0.0000

■ 164.0480, 17.2400,
-4.0720

■ 164.0480, 17.2400,
-4.0720

■ 157.8870, 24.9430,
-6.0090

■ 170.2090, 9.5370,
-2.1350

■ 151.7260, 32.6460,
-7.9460

■ 176.3700, 1.8340,
-0.1980

■ 145.6790, 40.0280,
-9.5720

■ 182.4170, -5.5480,
1.4280

■ 138.9310, 48.0060,
-10.9860

■ 189.1650,
-13.5260, 2.8420

■ 132.7700, 55.7090,
-12.9230

■ 195.3260,
-21.2290, 4.7790

■ 126.6090, 63.4120,
-14.8600

■ 201.4870,
-28.9320, 6.7160

■ 120.4480, 71.1150,
-16.7970

■ 206.7360,
-34.0670, 6.1650

■ 116.0310, 76.6630,
-18.2250

■ 210.8450,
-35.9920, 2.5040

■ 214.9540,
-37.9170, -1.1570

Harmonies

Analogous

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



165.3740, 22.3740, 2.0060



164.0480, 17.2400, -4.0720



162.4380, 7.1540, -8.5100

Triad

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



164.0480, 17.2400, -4.0720



159.6700, -25.6740, -8.2820



166.4880, 4.8580, 11.0820

Complementary

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



164.0480, 17.2400, -4.0720



151.9520, -17.2400, 4.0720

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.



164.9640, -8.3460, 8.0860



164.0480, 17.2400, -4.0720



160.6470, -26.8670, -3.1790

Square

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



164.0480, 17.2400, -4.0720



159.8680, -17.6040, -11.3640



162.4570, -20.2200, 3.0120



166.6480, 16.0910, 11.2510

Rectangle

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



164.0480, 17.2400, -4.0720



161.6650, -0.9150, -10.9550



162.4570, -20.2200, 3.0120



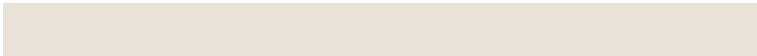
166.0360, 0.3190, 10.7430

Sweetspot

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



164.0480, 17.2400, -4.0720



226.6540, 6.7860, -1.8380



151.8980, 18.3830, 13.7670



114.2130, 3.7140, -1.2300



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



164.0480, 17.2400, -4.0720



210.1430, 27.0980, -6.5180



172.5430, 11.0520, -13.0760



86.2130, 3.7140, -1.2300



99.7510, 65.8880, -15.6800



16.5790, 11.3710, -2.3330

Inverse Universe

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



151.9520, -17.2400, 4.0720



190.8570, -27.0980, 6.5180



143.4570, -11.0520, 13.0760



83.3740, -3.9890, 0.7070



53.2490, -65.8880, 15.6800



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 164.0480, 17.2400, -4.0720 looks on a white background.

Color Contrast Check

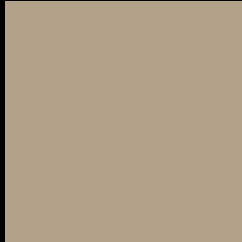
Large Text (above 18pt) WCAG AA × Fail

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 164.0480, 17.2400, -4.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

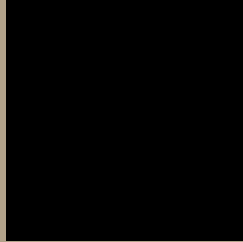
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.0480, 17.2400, -4.0720

Background



This preview shows how black text looks on a background with the YIQ color 164.0480, 17.2400, -4.0720.



This preview shows how white text looks on a background with the YIQ color 164.0480, 17.2400, -4.0720.

-4.0720.

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

164.0480, 17.2400, -4.0720

Protanopia

163.8410, 13.3890, -5.8670

Deuteranopia

165.1030, 24.5750, 0.6630



Tritanopia

165.9570, 10.7270, 9.3430

Trichromacy



Original Color

164.0480, 17.2400, -4.0720

Protanomaly

163.8520, 14.8560, -4.9200

Deuteranomaly

164.4940, 21.9160, -0.7080

Tritanomaly

165.4640, 13.4330, 4.3530

Monochromacy



Original Color

164.0480, 17.2400, -4.0720

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8820, 6.1440, -1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.0480, 17.2400, -4.0720 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(178, 162, 138)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 138)  
}
```

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(178, 162, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 138) }
```

Border

The CSS property to change the border of an element to YIQ 164.0480, 17.2400, -4.0720 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(178, 162, 138) }
```


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

```
.border{ border-color:rgb(178, 162, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 138);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 164.0480, 17.2400, -4.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 138) }
```

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

```
.background{ background-color: rgb(178,  
162, 138) }
```

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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