

Converting Colors

YIQ(152.6970, 65.9800,
-17.3480)

Have a look what the booklet for
YIQ(152.6970, 65.9800, -17.3480)
contains.

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Color

**YIQ(152.6970, 65.9800,
-17.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9232
RGB	205, 146, 50
RGB Percent	80%, 57%, 20%
CMY	0.1960, 0.4275, 0.8036
CMYK	0.00, 0.29, 0.76, 0.20
HSL	37°, 61%, 50%
HSV	37°, 76%, 80%
XYZ	36.0351, 33.7631, 7.6450
YIQ	152.6970, 65.9800, -17.3480

Conversions

Conversions Part 2

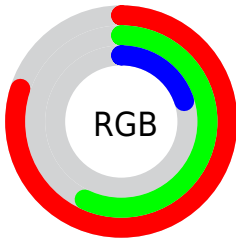
Format	Color
RYB	145, 205, 50
Decimal	13472306
CIELab	64.77, 13.72, 56.76
CIELCh	65, 58.390, 76.413
Yxy	33.7631, 0.4653, 0.4360
Android (android.graphics.Color)	4291662386 (0xFFCD9232)
YUV	152.6970, -50.6296, 45.8697
Hunter-Lab	58.1061, 9.0131, 32.8735

Details

The YIQ color **152.6970, 65.9800, -17.3480** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **102.3030, -65.9800, 17.3480**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.3870, 63.9170, -18.5070**, and **100.0060, 60.6160, -19.2560** is the 20% darker color. If you saturate the color by 10%, you get **145.7210, 74.6000, -19.3840**, and if you desaturate by 10%, it is **159.7870, 57.0390, -15.0010**.

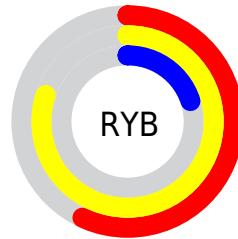
Distribution



Red (80%)

Green (57%)

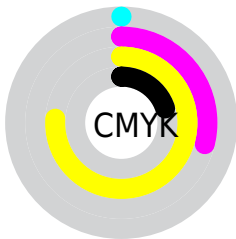
Blue (20%)



Red (57%)

Yellow (80%)

Blue (20%)

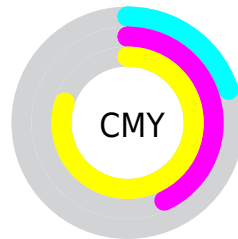


Cyan (0%)

Magenta (29%)

Yellow (76%)

Black (20%)



Cyan (20%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.6970, 65.9800, -17.3480 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 152.6970, 65.9800, -17.3480 by changing the saturation by 10% instead.

■ 152.6970, 65.9800,
-17.3480

■ 152.6970, 65.9800,
-17.3480

■ 255.0000, -0.0000,
-0.0000

■ 125.1590, 64.5590,
-19.1290

■ 205.3870, 63.9170,
-18.5070

■ 100.0060, 60.6160,
-19.2560

■ 224.7870, 47.8710,
-25.0650

■ 77.5460, 50.5280,
-12.6400

■ 243.7140, 31.7790,
-30.7890

■ 55.9610, 39.2940,
-7.2820

■ 246.9060, 22.7910,
-22.0810

■ 34.9740, 29.2520,
-1.5000

■ 250.0980, 13.8030,
-13.3730

■ 14.8840, 20.9980,
4.9180

■ 253.4040, 4.4940,

■ 0.0000, 0.0000,

-4.3540

0.0000

■ 152.6970, 65.9800,
-17.3480

■ 152.6970, 65.9800,
-17.3480

■ 145.7210, 74.6000,
-19.3840

■ 159.7870, 57.0390,
-15.0010

■ 138.6310, 83.5410,
-21.7310

■ 166.7630, 48.4190,
-12.9650

■ 135.8440, 87.2550,
-22.9610

■ 173.2660, 39.7530,
-10.0950

■ 180.2420, 31.1330,
-8.0590

■ 187.3320, 22.1920,
-5.7120

■ 194.3080, 13.5720,
-3.6760

■ 201.3980, 4.6310,
-1.3290

■ 207.7870, -3.7140,
1.2300

■ 214.8770,
-12.6550, 3.5770

Harmonies

Analogous

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



154.2980, 81.4260, 11.1060



152.6970, 65.9800, -17.3480



148.3950, 33.9350, -36.8250

Triad

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



152.6970, 65.9800, -17.3480



128.5110, -109.7100, -38.1740



162.0200, 7.5570, 44.7810

Complementary

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



152.6970, 65.9800, -17.3480



102.3030, -65.9800, 17.3480

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.



153.2660, -55.3900, 23.6660



152.6970, 65.9800, -17.3480



131.5210, -123.6970, -21.4650

Square

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



152.6970, 65.9800, -17.3480



121.1810, -91.8260, -53.9220



128.8600, -128.6050, -9.6050



158.9530, 53.2220, 48.6940

Rectangle

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



152.6970, 65.9800, -17.3480



144.5960, 2.3920, -43.3680



128.8600, -128.6050, -9.6050



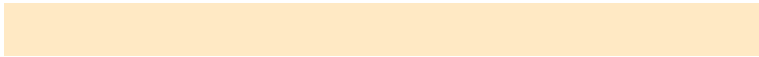
161.2070, -12.2030, 39.4530

Sweetspot

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



152.6970, 65.9800, -17.3480



235.3600, 24.9890, -6.8430



103.0710, 73.4410, 51.2090



115.6780, 15.4060, -3.8740



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.



152.6970, 65.9800, -17.3480



176.8960, 98.6720, -26.1280



181.9480, 39.0270, -52.0210



98.5120, 4.3100, -1.0180



110.0950, 70.6110, -18.6770



25.4500, 16.0480, -4.4960

Inverse Universe

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



102.3030, -65.9800, 17.3480



101.1040, -98.6720, 26.1280



73.0520, -39.0270, 52.0210



95.4880, -4.3100, 1.0180



55.9050, -70.6110, 18.6770



13.1370, -16.3230, 3.9730

Previews

White Background



This preview shows how the YIQ color 152.6970, 65.9800, -17.3480 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 152.6970, 65.9800, -17.3480 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 152.6970, 65.9800, -17.3480

Background



This preview shows how black text looks on a background with the YIQ color 152.6970, 65.9800, -17.3480.



This preview shows how white text looks on a background with the YIQ color 152.6970, 65.9800, -17.3480.

-17.3480.

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

152.6970, 65.9800, -17.3480

Protanopia

151.4120, 44.4330, -28.8390

Deuteranopia

152.5390, 60.4330, -21.4470



Tritanopia

160.2660, 40.8940, 18.7980

Trichromacy



Original Color

152.6970, 65.9800, -17.3480

Protanomaly

152.2390, 52.4100, -24.7260

Deuteranomaly

152.8490, 62.4960, -20.2880

Tritanomaly

157.4390, 50.1120, 5.9200

Monochromacy



Original Color

152.6970, 65.9800, -17.3480

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7020, 24.0260, -5.9100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6970, 65.9800, -17.3480 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(205, 146, 50)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 50)  
}
```

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(205, 146, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 50) }
```

Border

The CSS property to change the border of an element to YIQ 152.6970, 65.9800, -17.3480 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(205, 146, 50) }
```


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

```
.border{ border-color:rgb(205, 146, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 146, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 146, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 146, 50);  
box-shadow:4px 4px 4px 4px rgb(205, 146,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6970, 65.9800, -17.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 146, 50) }
```

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

```
.background{ background-color: rgb(205,  
146, 50) }
```

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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