

Converting Colors

YIQ(153.0990, 64.7880,
-17.7720)

Have a look what the booklet for
YIQ(153.0990, 64.7880, -17.7720)
contains.

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Color

**YIQ(153.0990, 64.7880,
-17.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9333
RGB	204, 147, 51
RGB Percent	80%, 58%, 20%
CMY	0.1999, 0.4236, 0.7997
CMYK	0.00, 0.28, 0.75, 0.20
HSL	38°, 60%, 50%
HSV	38°, 75%, 80%
XYZ	35.9365, 33.9398, 7.7987
YIQ	153.0990, 64.7880, -17.7720

Conversions

Conversions Part 2

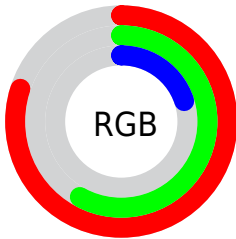
Format	Color
RYB	142, 204, 51
Decimal	13407027
CIELab	64.91, 12.78, 56.45
CIElCh	65, 57.878, 77.243
Yxy	33.9398, 0.4627, 0.4369
Android (android.graphics.Color)	4291597107 (0xFFCC9333)
YUV	153.0990, -50.3348, 44.6402
Hunter-Lab	58.2579, 8.1569, 32.8436

Details

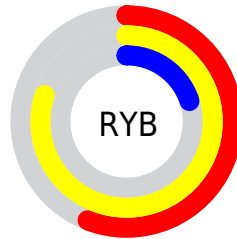
The YIQ color **153.0990, 64.7880, -17.7720** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **101.9010, -64.7880, 17.7720**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.0880, 63.3210, -18.7190**, and **100.2940, 59.7450, -19.9910** is the 20% darker color. If you saturate the color by 10%, you get **146.1230, 73.4080, -19.8080**, and if you desaturate by 10%, it is **160.0750, 56.1680, -15.7360**.

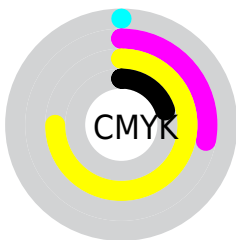
Distribution



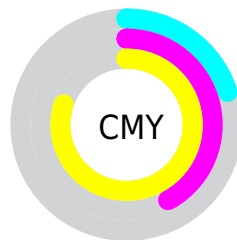
- Red (80%)
- Green (58%)
- Blue (20%)



- Red (56%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.0990, 64.7880, -17.7720 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 153.0990, 64.7880, -17.7720 by changing the saturation by 10% instead.


 153.0990, 64.7880,
-17.7720


 153.0990, 64.7880,
-17.7720


255.0000, -0.0000,
-0.0000


 125.5610, 63.3670,
-19.5530


 206.0880, 63.3210,
-18.7190


 100.2940, 59.7450,
-19.9910


 225.4880, 47.2750,
-25.2770


 77.8340, 49.6570,
-13.3750


 243.8280, 31.4580,
-30.4780

 55.9610, 39.2940,
-7.2820

 247.0200, 22.4700,
-21.7700

 35.5610, 28.9770,
-2.0230

 250.2120, 13.4820,
-13.0620

 15.1720, 20.1270,
4.1830

 253.5180, 4.1730,

 0.0000, 0.0000,

-4.0430

0.0000

■ 153.0990, 64.7880,
-17.7720

■ 153.0990, 64.7880,
-17.7720

■ 146.1230, 73.4080,
-19.8080

■ 160.0750, 56.1680,
-15.7360

■ 139.6200, 82.0740,
-22.6780

■ 166.5780, 47.5020,
-12.8660

■ 136.1320, 86.3840,
-23.6960

■ 173.5540, 38.8820,
-10.8300

■ 180.0570, 30.2160,
-7.9600

■ 187.0330, 21.5960,
-5.9240

■ 194.0090, 12.9760,
-3.8880

■ 200.5120, 4.3100,
-1.0180

■ 207.4880, -4.3100,
1.0180

■ 213.9910,
-12.9760, 3.8880

Harmonies

Analogous

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



155.1730, 80.2800, 9.8480



153.0990, 64.7880, -17.7720



148.9110, 32.4220, -36.9380

Triad

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



153.0990, 64.7880, -17.7720



128.7390, -110.3520, -37.5520



162.0910, 8.7950, 44.3710

Complementary

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



153.0990, 64.7880, -17.7720



101.9010, -64.7880, 17.7720

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.



154.4620, -53.0060, 24.5140



153.0990, 64.7880, -17.7720



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.



153.0990, 64.7880, -17.7720



121.4090, -92.4680, -53.3000



128.8600, -128.6050, -9.6050



159.1380, 54.1390, 48.5950

Rectangle

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



153.0990, 64.7880, -17.7720



144.5250, 1.1540, -42.9580



128.8600, -128.6050, -9.6050



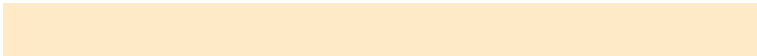
161.8760, -9.7730, 39.4670

Sweetspot

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



153.0990, 64.7880, -17.7720



236.2890, 23.7510, -6.4330



103.4730, 72.2490, 50.7850



116.4930, 14.4890, -3.7750



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.



153.0990, 64.7880, -17.7720



178.2980, 97.4800, -26.5520



181.1760, 38.3850, -51.3990



98.5120, 4.3100, -1.0180



110.6820, 70.3360, -19.2000



25.4500, 16.0480, -4.4960

Inverse Universe

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



101.9010, -64.7880, 17.7720



101.7020, -97.4800, 26.5520



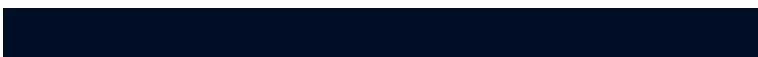
73.8240, -38.3850, 51.3990



95.4880, -4.3100, 1.0180



55.3180, -70.3360, 19.2000



12.5500, -16.0480, 4.4960

Previews

White Background



This preview shows how the YIQ color 153.0990, 64.7880, -17.7720 looks on a white background.

Color Contrast Check

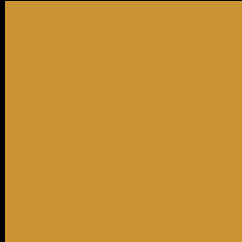
Large Text (above 18pt) WCAG AA × Fail

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 153.0990, 64.7880, -17.7720 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 153.0990, 64.7880, -17.7720

Background



This preview shows how black text looks on a background with the YIQ color 153.0990, 64.7880, -17.7720.



This preview shows how white text looks on a background with the YIQ color 153.0990, 64.7880, -17.7720.

-17.7720.

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

153.0990, 64.7880, -17.7720

Protanopia

151.8250, 44.7080, -28.3160

Deuteranopia

152.9520, 60.7080, -20.9240



Tritanopia

160.6680, 39.7020, 18.3740

Trichromacy



Original Color

153.0990, 64.7880, -17.7720

Protanomaly

152.3530, 52.0890, -24.4150

Deuteranomaly

152.9630, 62.1750, -19.9770

Tritanomaly

157.8410, 48.9200, 5.4960

Monochromacy



Original Color

153.0990, 64.7880, -17.7720

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.2890, 23.7510, -6.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0990, 64.7880, -17.7720 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(204, 147, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 147, 51)  
}
```

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(204, 147, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 147, 51) }
```

Border

The CSS property to change the border of an element to YIQ 153.0990, 64.7880, -17.7720 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(204, 147, 51) }
```


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

```
.border{ border-color:rgb(204, 147, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 147, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 147, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 147, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 147,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0990, 64.7880, -17.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 147, 51) }
```

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

```
.background{ background-color: rgb(204,  
147, 51) }
```

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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