

Converting Colors

YIQ(168.3990, 20.0850,
-17.0910)

Have a look what the booklet for
YIQ(168.3990, 20.0850, -17.0910)
contains.

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Color

**YIQ(168.3990, 20.0850,
-17.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AE75
RGB	177, 174, 117
RGB Percent	69%, 68%, 46%
CMY	0.3059, 0.3176, 0.5410
CMYK	0.00, 0.02, 0.34, 0.31
HSL	57°, 28%, 58%
HSV	57°, 34%, 69%
XYZ	36.4783, 40.9029, 22.8118
YIQ	168.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

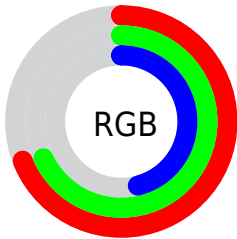
Format	Color
RYB	120, 177, 117
Decimal	11644533
CIELab	70.11, -7.80, 29.68
CIELCh	70, 30.683, 104.719
Yxy	40.9029, 0.3641, 0.4082
Android (android.graphics.Color)	4289834613 (0xFFB1AE75)
YUV	168.3990, -25.3397, 7.5431
Hunter-Lab	63.9554, -10.1106, 23.6210

Details

The YIQ color **168.3990, 20.0850, -17.0910** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125.6010, -20.0850, 17.0910**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.4700, 21.3230, -17.5010**, and **116.1430, 17.9300, -16.5820** is the 20% darker color. If you saturate the color by 10%, you get **165.7600, 26.1380, -22.1660**, and if you desaturate by 10%, it is **171.0380, 14.0320, -12.0160**.

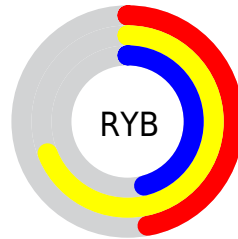
Distribution



Red (69%)

Green (68%)

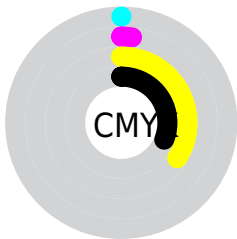
Blue (46%)



Red (47%)

Yellow (69%)

Blue (46%)

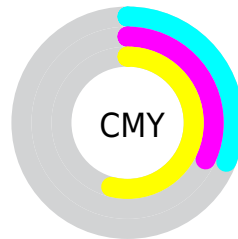


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3990, 20.0850, -17.0910 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 168.3990, 20.0850, -17.0910 by changing the saturation by 10% instead.

■ 168.3990, 20.0850,
-17.0910

■ 168.3990, 20.0850,
-17.0910

255.0000, -0.0000,
-0.0000

■ 141.6270, 19.4430,
-16.4690

■ 223.4700, 21.3230,
-17.5010

■ 116.1430, 17.9300,
-16.5820

■ 248.3880, 18.6180,
-18.0380

■ 91.3710, 17.2880,
-15.9600

■ 251.5800, 9.6300,
-9.3300

■ 67.1860, 16.3710,
-15.8610

254.8860, 0.3210,
-0.3110

■ 44.8870, 15.7750,
-16.0730

■ 25.6830, 7.8420,
-9.9660

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 168.3990, 20.0850,
-17.0910

■ 168.3990, 20.0850,
-17.0910

■ 165.7600, 26.1380,
-22.1660

■ 171.0380, 14.0320,
-12.0160

■ 163.2350, 31.8700,
-26.9300

■ 173.5630, 8.3000,
-7.2520

■ 160.5960, 37.9230,
-32.0050

■ 176.2020, 2.2470,
-2.1770

■ 157.9570, 43.9760,
-37.0800

■ 178.8410, -3.8060,
2.8980

■ 156.0190, 49.4330,
-42.3670

■ 180.8930, -9.5840,
8.4960

■ 153.3800, 55.4860,
-47.4420

■ 183.4180,
-15.3160, 13.2600

■ 151.5390, 59.2920,
-50.3400

■ 186.0570,
-21.3690, 18.3350

■ 188.2400,
-26.1380, 22.1660

■ 188.8270,
-26.4130, 21.6430

Harmonies

Analogous

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



171.3030, 38.3310, -6.3490



168.3990, 20.0850, -17.0910



164.8350, -4.8100, -22.9700

Triad

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



168.3990, 20.0850, -17.0910



157.0640, -67.9460, -13.1140



175.4250, 27.5050, 24.6650

Complementary

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



168.3990, 20.0850, -17.0910



125.6010, -20.0850, 17.0910

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.



174.7950, 2.9760, 23.1680



168.3990, 20.0850, -17.0910



164.1080, -52.9100, 0.7380

Square

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



168.3990, 20.0850, -17.0910



156.5730, -59.5540, -22.0340



171.1980, -26.3200, 14.4480



174.5220, 43.0490, 18.2890

Rectangle

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



168.3990, 20.0850, -17.0910



162.4290, -24.1580, -24.7500



171.1980, -26.3200, 14.4480



175.8310, 20.4900, 25.1460

Sweetspot

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



168.3990, 20.0850, -17.0910



226.2040, 7.9330, -6.1070



135.2820, 34.7970, 13.6530



112.8170, 4.7690, -3.8310



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



168.3990, 20.0850, -17.0910



216.2350, 31.8700, -26.9300



162.0870, 3.1680, -24.3840



87.9740, 2.8890, -2.7990



130.8620, 51.3130, -43.3990



21.8620, 8.8960, -7.0400

Inverse Universe

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



125.6010, -20.0850, 17.0910



148.7650, -31.8700, 26.9300



131.9130, -3.1680, 24.3840



81.6130, -3.1640, 2.2760



22.1380, -51.3130, 43.3990



3.5510, -8.6210, 7.5630

Previews

White Background



This preview shows how the YIQ color 168.3990, 20.0850, -17.0910 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 168.3990, 20.0850, -17.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

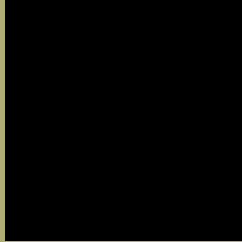
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3990, 20.0850, -17.0910

Background



This preview shows how black text looks on a background with the YIQ color 168.3990, 20.0850, -17.0910.



This preview shows how white text looks on a background with the YIQ color 168.3990, 20.0850, -17.0910.

-17.0910.

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

168.3990, 20.0850, -17.0910

Protanopia

169.2150, 26.5950, -13.9250

Deuteranopia

170.8300, 38.2850, -5.5150



Tritanopia

172.8640, 6.5550, 7.8590

Trichromacy



Original Color

168.3990, 20.0850, -17.0910

Protanomaly

168.9050, 24.5320, -15.0840

Deuteranomaly

170.0740, 31.5460, -10.0380

Tritanomaly

171.1060, 11.3250, -1.4990

Monochromacy



Original Color

168.3990, 20.0850, -17.0910

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9050, 7.3370, -6.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3990, 20.0850, -17.0910 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(177, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 117)  
}
```

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(177, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 117) }
```

Border

The CSS property to change the border of an element to YIQ 168.3990, 20.0850, -17.0910 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(177, 174, 117) }
```


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

```
.border{ border-color:rgb(177, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3990, 20.0850, -17.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 117) }
```

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

```
.background{ background-color: rgb(177,  
174, 117) }
```

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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