

Converting Colors

YIQ(170.6810, 11.3240, 4.0280)

Have a look what the booklet for
YIQ(170.6810, 11.3240, 4.0280)
contains.

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Color

**YIQ(170.6810, 11.3240,
4.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A5A5
RGB	184, 165, 165
RGB Percent	72%, 65%, 65%
CMY	0.2784, 0.3530, 0.3529
CMYK	0.00, 0.10, 0.10, 0.28
HSL	360°, 12%, 68%
HSV	360°, 10%, 72%
XYZ	40.0162, 39.8162, 41.1790
YIQ	170.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

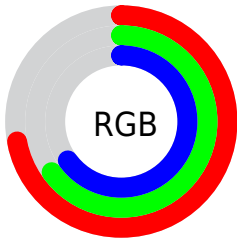
Format	Color
RYB	184, 165, 165
Decimal	12101029
CIELab	69.34, 6.91, 2.50
CIELCh	69, 7.346, 19.911
Yxy	39.8162, 0.3307, 0.3290
Android (android.graphics.Color)	4290291109 (0xFFB8A5A5)
YUV	170.6810, -2.8007, 11.6808
Hunter-Lab	63.1001, 2.7743, 5.4775

Details

The YIQ color **170.6810, 11.3240, 4.0280** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.3190, -11.3240, -4.0280**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9800, 11.9200, 4.2400**, and **118.3820, 10.7280, 3.8160** is the 20% darker color. If you saturate the color by 10%, you get **158.0630, 22.0520, 7.8440**, and if you desaturate by 10%, it is **183.2990, 0.5960, 0.2120**.

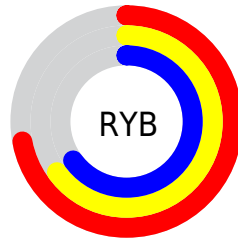
Distribution



Red (72%)

Green (65%)

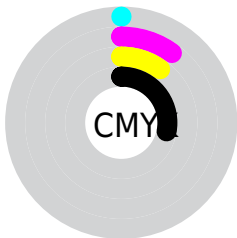
Blue (65%)



Red (72%)

Yellow (65%)

Blue (65%)

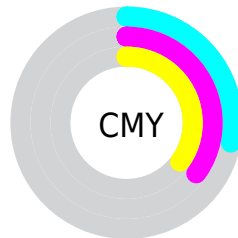


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.6810, 11.3240, 4.0280 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 170.6810, 11.3240, 4.0280 by changing the saturation by 10% instead.

■ 170.6810, 11.3240,
4.0280

■ 170.6810, 11.3240,
4.0280

255.0000, -0.0000,
-0.0000

■ 144.3820, 10.7280,
3.8160

■ 225.9800, 11.9200,
4.2400

■ 118.3820, 10.7280,
3.8160

■ 250.6800, 3.8970,
0.9610

■ 94.0830, 10.1320,
3.6040

■ 69.7840, 9.5360,
3.3920

■ 47.4850, 8.9400,
3.1800

■ 26.8870, 7.7480,
2.7560

■ 3.2890, 6.5560,

2.3320

0.0000, 0.0000,
0.0000

170.6810, 11.3240,
4.0280

170.6810, 11.3240,
4.0280

158.0630, 22.0520,
7.8440

183.2990, 0.5960,
0.2120

144.7440, 33.3760,
11.8720

196.6180,
-10.7280, -3.8160

132.1260, 44.1040,
15.6880

209.2360,
-21.4560, -7.6320

118.8070, 55.4280,
19.7160

222.5550,
-32.7800, -11.6600

106.1890, 66.1560,
23.5320

233.7710,
-42.3160, -15.0520

■ 93.5710, 76.8840,
27.3480

■ 80.2520, 88.2080,
31.3760

■ 67.6340, 98.9360,
35.1920

■ 55.0160, 109.6640,
39.0080

Harmonies

Analogous

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



170.8810, 7.8850, 5.7810



170.6810, 11.3240, 4.0280



169.9860, 11.7830, 1.2150

Triad

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



170.6810, 11.3240, 4.0280



167.7560, -2.4290, -5.5410



168.9650, -10.0870, 1.0890

Complementary

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



170.6810, 11.3240, 4.0280



178.3190, -11.3240, -4.0280

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.



167.7150, -12.3790, -1.4270



170.6810, 11.3240, 4.0280



167.2330, -8.2060, -5.4700

Square

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



170.6810, 11.3240, 4.0280



168.5180, 4.1730, -4.0430



167.1340, -12.2410, -3.9290



169.5960, -4.4940, 4.3540

Rectangle

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



170.6810, 11.3240, 4.0280



169.4480, 10.3620, -0.5660



167.1340, -12.2410, -3.9290



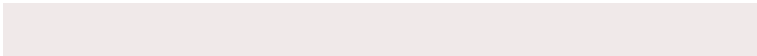
168.3670, -11.2790, 0.6650

Sweetspot

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



170.6810, 11.3240, 4.0280



235.0930, 4.1720, 1.4840



172.8470, 5.2250, 9.9370



116.4950, 2.9800, 1.0600



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



170.6810, 11.3240, 4.0280



219.6710, 17.2840, 6.1480



175.9640, 8.8490, -0.6790



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



170.6810, 11.3240, 4.0280



219.6710, 17.2840, 6.1480



173.0360, -8.8490, 0.6790



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 170.6810, 11.3240, 4.0280 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 170.6810, 11.3240, 4.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

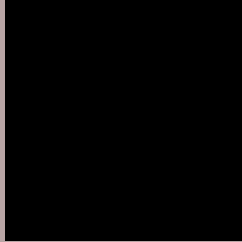
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6810, 11.3240, 4.0280

Background



This preview shows how black text looks on a background with the YIQ color 170.6810, 11.3240, 4.0280.



This preview shows how white text looks on a background with the YIQ color 170.6810, 11.3240,

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

170.6810, 11.3240, 4.0280

Protanopia

169.9680, 3.0260, 0.2260

Deuteranopia

170.9910, 13.3870, 5.1870



Tritanopia

171.3590, 9.5350, 8.9190

Trichromacy



Original Color

170.6810, 11.3240, 4.0280

Protanomaly

170.4630, 6.0060, 1.2860

Deuteranomaly

170.6920, 12.7910, 4.9750

Tritanomaly

171.1910, 9.9480, 6.9400

Monochromacy



Original Color

170.6810, 11.3240, 4.0280

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6810, 11.3240, 4.0280 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(184, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 165, 165)  
}
```

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(184, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 165, 165) }
```

Border

The CSS property to change the border of an element to YIQ 170.6810, 11.3240, 4.0280 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(184, 165, 165) }
```


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

```
.border{ border-color:rgb(184, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 165,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6810, 11.3240, 4.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 165, 165) }
```

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

```
.background{ background-color: rgb(184,  
165, 165) }
```

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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