

Converting Colors

YIQ(133.2120, 40.9860, 17.1300)

Have a look what the booklet for
YIQ(133.2120, 40.9860, 17.1300)
contains.

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Color

**YIQ(133.2120, 40.9860,
17.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	B76F75
RGB	183, 111, 117
RGB Percent	72%, 44%, 46%
CMY	0.2822, 0.5648, 0.5410
CMYK	0.00, 0.39, 0.36, 0.28
HSL	355°, 33%, 58%
HSV	355°, 39%, 72%
XYZ	28.4335, 22.7203, 19.7289
YIQ	133.2120, 40.9860, 17.1300

Conversions

Conversions Part 2

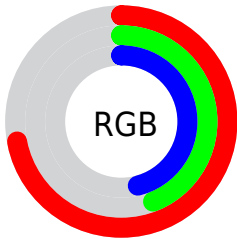
Format	Color
R_{YB}	183, 111, 117
Decimal	12021621
CIE _{Lab}	54.78, 29.30, 8.87
CIE _{LCh}	55, 30.613, 16.836
Yxy	22.7203, 0.4011, 0.3205
Android (android.graphics.Color)	4290211701 (0xFFB76F75)
YUV	133.2120, -7.9925, 43.6641
Hunter-Lab	47.6659, 23.0629, 8.8260

Details

The YIQ color **133.2120, 40.9860, 17.1300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **160.7880, -40.9860, -17.1300**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5930, 44.2870, 17.8790**, and **82.5320, 37.0890, 16.1690** is the 20% darker color. If you saturate the color by 10%, you get **120.7080, 51.3930, 21.2570**, and if you desaturate by 10%, it is **145.7160, 30.5790, 13.0030**.

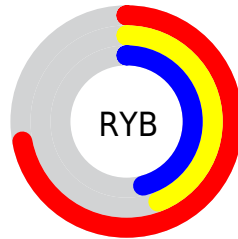
Distribution



Red (72%)

Green (44%)

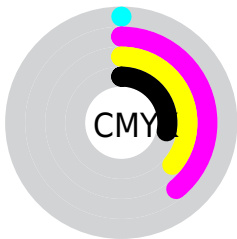
Blue (46%)



Red (72%)

Yellow (44%)

Blue (46%)

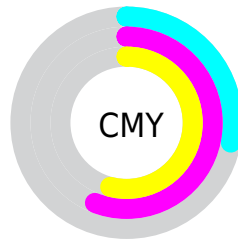


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.2120, 40.9860, 17.1300 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 133.2120, 40.9860, 17.1300 by changing the saturation by 10% instead.


 133.2120, 40.9860,
17.1300


 133.2120, 40.9860,
17.1300


255.0000, -0.0000,
-0.0000


 107.3150, 39.1980,
16.4940


 187.5930, 44.2870,
17.8790


 82.5320, 37.0890,
16.1690


 210.7060, 36.5390,
15.1230


 57.8630, 34.6590,
16.1550

 230.3340, 19.8510,
9.1870

 33.6070, 32.5040,
16.6640

 250.6630, 2.5670,
3.0390

 15.2490, 30.3960,
10.8120

 4.7840, 9.5360,
3.3920

 0.0000, 0.0000,

0.0000

■ 133.2120, 40.9860,
17.1300

■ 133.2120, 40.9860,
17.1300

■ 120.7080, 51.3930,
21.2570

■ 145.7160, 30.5790,
13.0030

■ 107.7310, 61.7540,
26.2180

■ 158.8070, 19.8970,
8.3530

■ 95.2270, 72.1610,
30.3450

■ 171.1970, 9.8110,
3.9150

■ 82.7230, 82.5680,
34.4720

■ 183.7010, -0.5960,
-0.2120

■ 69.6320, 93.2500,
39.1220

■ 196.2050,
-11.0030, -4.3390

■ 57.1280, 103.6570,
43.2490

■ 209.2960,
-21.6850, -8.9890

■ 56.4270, 104.2530,
43.4610

■ 221.6860,
-31.7710, -13.4270

■ 233.0160,
-41.6280, -16.5080

■ 233.4720,
-42.9120, -15.2640

Harmonies

Analogous

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



134.4850, 27.2760, 23.3080



133.2120, 40.9860, 17.1300



132.3180, 43.1430, 5.5670

Triad

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



133.2120, 40.9860, 17.1300



124.5790, -6.9650, -22.4610



122.9940, -52.5890, 0.4270

Complementary

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



133.2120, 40.9860, 17.1300



160.7880, -40.9860, -17.1300

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.



111.5790, -76.8860, -16.2940



133.2120, 40.9860, 17.1300



119.4970, -36.0330, -24.2970

Square

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



133.2120, 40.9860, 17.1300



127.8440, 17.3340, -16.7940



111.5120, -66.7520, -23.7440



131.4540, -24.1650, 13.9390

Rectangle

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



133.2120, 40.9860, 17.1300



130.7100, 38.7430, -2.8010



111.5120, -66.7520, -23.7440



119.0420, -61.7120, -4.9440

Sweetspot

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



133.2120, 40.9860, 17.1300



217.6000, 16.0460, 6.5580



138.6430, 15.6280, 36.1720



108.1970, 9.8110, 3.9150



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.



133.2120, 40.9860, 17.1300



160.2150, 63.2670, 26.3310



149.5510, 34.9370, 0.0970



85.6910, 5.3640, 1.9080



48.1260, 88.8030, 37.1150



8.6000, 16.0460, 6.5580

Inverse Universe

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



133.2120, 40.9860, 17.1300



160.2150, 63.2670, 26.3310



144.4490, -34.9370, -0.0970



85.6910, 5.3640, 1.9080



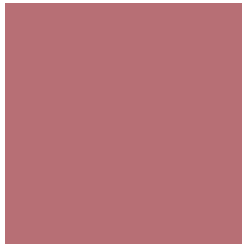
48.1260, 88.8030, 37.1150



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 133.2120, 40.9860, 17.1300 looks on a white background.

Color Contrast Check

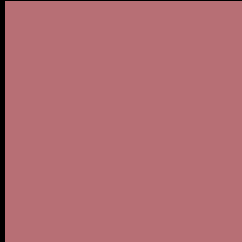
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2120, 40.9860, 17.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

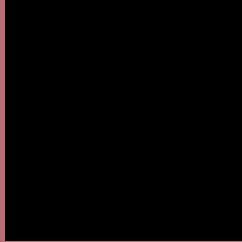
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.2120, 40.9860, 17.1300

Background



This preview shows how black text looks on a background with the YIQ color 133.2120, 40.9860, 17.1300.



This preview shows how white text looks on a background with the YIQ color 133.2120, 40.9860,

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

133.2120, 40.9860, 17.1300

Protanopia

131.8540, 3.3470, -0.0850

Deuteranopia

132.3950, 17.8810, 0.8330



Tritanopia

133.4400, 40.3440, 17.7520

Trichromacy



Original Color

133.2120, 40.9860, 17.1300

Protanomaly

132.3720, 16.6880, 5.9360

Deuteranomaly

132.5750, 26.3620, 6.8260

Tritanomaly

133.3260, 40.6650, 17.4410

Monochromacy



Original Color

133.2120, 40.9860, 17.1300

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0020, 14.8540, 6.1340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.2120, 40.9860, 17.1300 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(183, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 111, 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(183, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 111, 117) }
```

Border

The CSS property to change the border of an element to YIQ 133.2120, 40.9860, 17.1300 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(183, 111, 117) }
```


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

```
.border{ border-color:rgb(183, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 111,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 133.2120, 40.9860, 17.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 111, 117) }
```

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

```
.background{ background-color: rgb(183,  
111, 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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