

Converting Colors

YIQ(133.0140, 32.9160, 20.2120)

Have a look what the booklet for
YIQ(133.0140, 32.9160, 20.2120)
contains.

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Color

**YIQ(133.0140, 32.9160,
20.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	B16F83
RGB	177, 111, 131
RGB Percent	69%, 44%, 51%
CMY	0.3057, 0.5648, 0.4862
CMYK	0.00, 0.37, 0.26, 0.31
HSL	342°, 30%, 56%
HSV	342°, 37%, 69%
XYZ	27.9215, 22.3545, 24.3264
YIQ	133.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

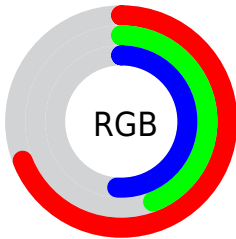
Format	Color
R_{YB}	177, 111, 131
Decimal	11628419
CIE _{Lab}	54.40, 28.93, 0.02
CIE _{LCh}	54, 28.928, 0.046
Yxy	22.3545, 0.3743, 0.2996
Android (android.graphics.Color)	4289818499 (0xFFB16F83)
YUV	133.0140, -0.9929, 38.5757
Hunter-Lab	47.2806, 22.6719, 2.5910

Details

The YIQ color **133.0140, 32.9160, 20.2120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **154.9860, -32.9160, -20.2120**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2100, 35.3000, 21.0600**, and **82.5190, 29.9360, 19.1520** is the 20% darker color. If you saturate the color by 10%, you get **121.0800, 41.7180, 25.8940**, and if you desaturate by 10%, it is **144.9480, 24.1140, 14.5300**.

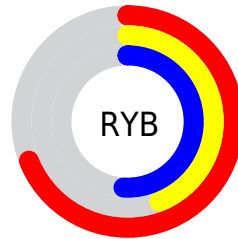
Distribution



Red (69%)

Green (44%)

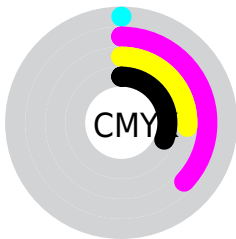
Blue (51%)



Red (69%)

Yellow (44%)

Blue (51%)

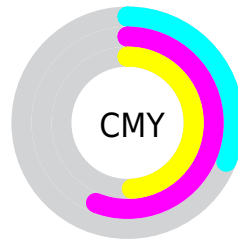


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.0140, 32.9160, 20.2120 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 133.0140, 32.9160, 20.2120 by changing the saturation by 10% instead.


 133.0140, 32.9160,
20.2120


 133.0140, 32.9160,
20.2120


255.0000, -0.0000,
-0.0000


 107.4160, 31.7240,
19.7880


 187.2100, 35.3000,
21.0600


 82.5190, 29.9360,
19.1520


 212.5300, 31.4030,
20.0990


 58.0350, 28.4230,
19.0390

 232.1580, 14.7150,
14.1630

 33.6650, 26.5890,
19.2370

 250.8910, 1.9250,
3.6610

 16.1760, 23.4720,
15.1520

 3.5880, 7.1520,
2.5440

 0.0000, 0.0000,

0.0000

■ 133.0140, 32.9160,
20.2120

■ 133.0140, 32.9160,
20.2120

■ 121.0800, 41.7180,
25.8940

■ 144.9480, 24.1140,
14.5300

■ 109.6190, 50.5660,
30.7420

■ 156.4090, 15.2660,
9.6820

■ 97.6850, 59.3680,
36.4240

■ 168.3430, 6.4640,
4.0000

■ 85.7510, 68.1700,
42.1060

■ 180.2770, -2.3380,
-1.6820

■ 73.7030, 77.2930,
47.4770

■ 191.7380,
-11.1860, -6.5300

■ 62.3560, 85.8200,
52.6360

■ 203.6720,
-19.9880, -12.2120

■ 59.0790, 88.1580,
54.3180

■ 215.6060,
-28.7900, -17.8940

■ 227.6540,
-37.9130, -23.2650

■ 230.1960,
-42.3150, -20.5790

Harmonies

Analogous

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



133.6130, 15.1720, 22.4040



133.0140, 32.9160, 20.2120



131.6370, 40.9870, 11.6030

Triad

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



133.0140, 32.9160, 20.2120



125.8150, 7.1100, -18.7300



117.7600, -60.9780, -7.2340

Complementary

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



133.0140, 32.9160, 20.2120



154.9860, -32.9160, -20.2120

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.



112.2610, -67.3030, -19.2630



133.0140, 32.9160, 20.2120



121.8320, -17.9230, -22.1070

Square

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



133.0140, 32.9160, 20.2120



128.7960, 26.4570, -11.4230



117.1740, -45.2490, -22.4730



126.4090, -37.4600, 7.0840

Rectangle

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



133.0140, 32.9160, 20.2120



130.7090, 40.4840, 4.1960



117.1740, -45.2490, -22.4730



115.0750, -66.4790, -12.1670

Sweetspot

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



133.0140, 32.9160, 20.2120



212.6860, 12.9280, 8.0000



131.9790, 5.6340, 30.0660



104.9410, 7.6560, 4.4240



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.



133.0140, 32.9160, 20.2120



160.7440, 51.7120, 32.0000



137.7780, 36.0360, 7.7160



83.0330, 4.4010, 2.8410



50.9910, 76.4220, 46.7420



8.6860, 12.9280, 8.0000

Inverse Universe

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



133.0140, 32.9160, 20.2120



160.7440, 51.7120, 32.0000



150.2220, -36.0360, -7.7160



83.0330, 4.4010, 2.8410



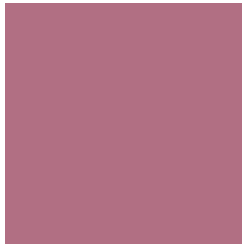
50.9910, 76.4220, 46.7420



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 133.0140, 32.9160, 20.2120 looks on a white background.

Color Contrast Check

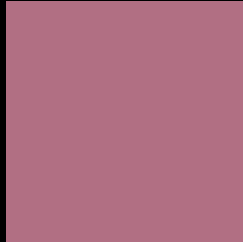
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0140, 32.9160, 20.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

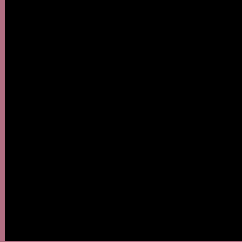
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.0140, 32.9160, 20.2120

Background



This preview shows how black text looks on a background with the YIQ color 133.0140, 32.9160, 20.2120.



This preview shows how white text looks on a background with the YIQ color 133.0140, 32.9160,

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

133.0140, 32.9160, 20.2120

Protanopia

131.0690, -4.4480, 3.5200

Deuteranopia

131.6100, 10.0860, 4.4380



Tritanopia

132.7490, 34.9800, 15.8440

Trichromacy



Original Color

133.0140, 32.9160, 20.2120

Protanomaly

131.5870, 8.8930, 9.5410

Deuteranomaly

132.3770, 18.2920, 9.9080

Tritanomaly

132.6180, 33.9710, 17.6110

Monochromacy



Original Color

133.0140, 32.9160, 20.2120

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9740, 12.0570, 7.2650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0140, 32.9160, 20.2120 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, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(177, 111, 131)  
}
```

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, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 111, 131) }
```

Border

The CSS property to change the border of an element to YIQ 133.0140, 32.9160, 20.2120 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, 111, 131) }
```


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

```
.border{ border-color:rgb(177, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(177, 111,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0140, 32.9160, 20.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 111, 131) }
```

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

```
.background{ background-color: rgb(177,  
111, 131) }
```

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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