

Converting Colors

YIQ(133.1980, 35.5740, 27.1100)

Have a look what the booklet for
YIQ(133.1980, 35.5740, 27.1100)
contains.

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Color

**YIQ(133.1980, 35.5740,
27.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	B86A8C
RGB	184, 106, 140
RGB Percent	72%, 42%, 55%
CMY	0.2782, 0.5844, 0.4509
CMYK	0.00, 0.42, 0.24, 0.28
HSL	334°, 35%, 57%
HSV	334°, 42%, 72%
XYZ	29.6662, 22.3925, 27.5809
YIQ	133.1980, 35.5740, 27.1100

Conversions

Conversions Part 2

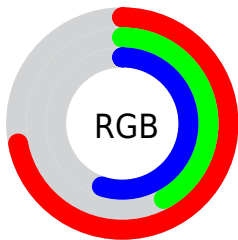
Format	Color
RYB	184, 106, 140
Decimal	12085900
CIELab	54.44, 35.54, -5.10
CIELCh	54, 35.904, 351.841
Yxy	22.3925, 0.3725, 0.2812
Android (android.graphics.Color)	4290275980 (0xFFB86A8C)
YUV	133.1980, 3.3534, 44.5534
Hunter-Lab	47.3207, 29.0937, -1.4327

Details

The YIQ color **133.1980, 35.5740, 27.1100** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **156.8020, -35.5740, -27.1100**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8070, 38.2330, 28.4810**, and **81.7030, 32.5940, 26.0500** is the 20% darker color. If you saturate the color by 10%, you get **121.4920, 43.7340, 33.4140**, and if you desaturate by 10%, it is **144.9040, 27.4140, 20.8060**.

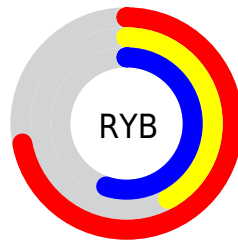
Distribution



Red (72%)

Green (42%)

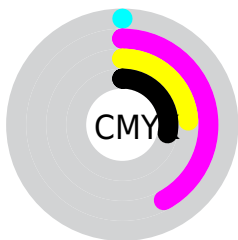
Blue (55%)



Red (72%)

Yellow (42%)

Blue (55%)

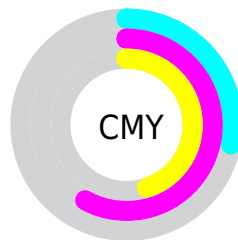


Cyan (0%)

Magenta (42%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1980, 35.5740, 27.1100 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 133.1980, 35.5740, 27.1100 by changing the saturation by 10% instead.

133.1980, 35.5740,
27.1100

133.1980, 35.5740,
27.1100

255.0000, -0.0000,
-0.0000

107.3010, 33.7860,
26.4740

187.8070, 38.2330,
28.4810

81.7030, 32.5940,
26.0500

210.6210, 29.8890,
25.5130

56.3330, 30.7600,
26.2480

230.3630, 12.8800,
19.8880

29.9140, 30.6220,
28.7500

247.9560, 3.3000,
6.2760

18.2840, 23.2880,
18.4880

7.2900, 13.9830,
5.3990

0.0000, 0.0000,

0.0000

■ 133.1980, 35.5740,
27.1100

■ 133.1980, 35.5740,
27.1100

■ 121.4920, 43.7340,
33.4140

■ 144.9040, 27.4140,
20.8060

■ 109.0850, 52.4900,
39.9300

■ 157.3110, 18.6580,
14.2900

■ 97.3790, 60.6500,
46.2340

■ 169.0170, 10.4980,
7.9860

■ 85.0860, 69.0850,
53.0610

■ 181.4240, 1.7420,
1.4700

■ 73.2660, 77.5660,
59.0540

■ 193.1300, -6.4180,
-4.8340

■ 64.1360, 83.9840,
63.8880

■ 204.8360,
-14.5780, -11.1380

■ 217.2430,
-23.3340, -17.6540

■ 228.9490,
-31.4940, -23.9580

■ 231.2630,
-35.2540, -21.8940

Harmonies

Analogous

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



134.3230, 10.3570, 27.0690



133.1980, 35.5740, 27.1100



131.4580, 49.1010, 18.7410

Triad

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



133.1980, 35.5740, 27.1100



125.3120, 15.7760, -21.6000



104.2330, -96.4630, -19.4310

Complementary

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



133.1980, 35.5740, 27.1100



156.8020, -35.5740, -27.1100

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.



103.0300, -88.9420, -29.0860



133.1980, 35.5740, 27.1100



120.9370, -14.0250, -26.6730

Square

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



133.1980, 35.5740, 27.1100



128.0700, 37.3690, -10.9430



111.9400, -53.6380, -30.1340



120.1440, -61.7590, 1.4170

Rectangle

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



133.1980, 35.5740, 27.1100



130.4330, 50.2490, 8.9450



111.9400, -53.6380, -30.1340



104.6090, -94.7660, -22.6540

Sweetspot

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



133.1980, 35.5740, 27.1100



219.7510, 14.3030, 10.6150



127.7490, 0.5900, 33.3740



107.5930, 8.7560, 6.5160



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.



133.1980, 35.5740, 27.1100



159.9330, 55.9740, 42.8700



131.6700, 45.3880, 14.4440



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680

Inverse Universe

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



133.1980, 35.5740, 27.1100



159.9330, 55.9740, 42.8700



158.3300, -45.3880, -14.4440



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 133.1980, 35.5740, 27.1100 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 133.1980, 35.5740, 27.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

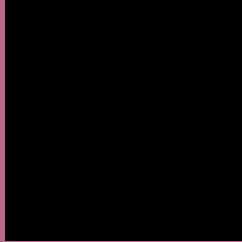
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.1980, 35.5740, 27.1100

Background



This preview shows how black text looks on a background with the YIQ color 133.1980, 35.5740, 27.1100.



This preview shows how white text looks on a background with the YIQ color 133.1980, 35.5740,

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

133.1980, 35.5740, 27.1100

Protanopia

131.3550, -11.0050, 6.7150

Deuteranopia

132.2120, 5.4550, 5.7670



Tritanopia

132.4400, 40.3440, 17.7520

Trichromacy



Original Color

133.1980, 35.5740, 27.1100

Protanomaly

131.7810, 5.5910, 14.3190

Deuteranomaly

132.4140, 16.8700, 13.6540

Tritanomaly

133.0640, 38.6470, 20.9750

Monochromacy



Original Color

133.1980, 35.5740, 27.1100

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1980, 35.5740, 27.1100 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, 106, 140)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 140)  
}
```

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, 106, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 140) }
```

Border

The CSS property to change the border of an element to YIQ 133.1980, 35.5740, 27.1100 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, 106, 140) }
```


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

```
.border{ border-color:rgb(184, 106, 140) }
```

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

Here you see how a box with a 4 pixel rgb(184, 106, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 140);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1980, 35.5740, 27.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 140) }
```

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

```
.background{ background-color: rgb(184,  
106, 140) }
```

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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