

Converting Colors

YIQ(133.0310, -27.6480, 5.4720)

Have a look what the booklet for
YIQ(133.0310, -27.6480, 5.4720)
contains.

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Color

**YIQ(133.0310, -27.6480,
5.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	6E89AD
RGB	110, 137, 173
RGB Percent	43%, 54%, 68%
CMY	0.5687, 0.4627, 0.3217
CMYK	0.36, 0.21, 0.00, 0.32
HSL	214°, 28%, 55%
HSV	214°, 36%, 68%
XYZ	22.9158, 24.2247, 42.9854
YIQ	133.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

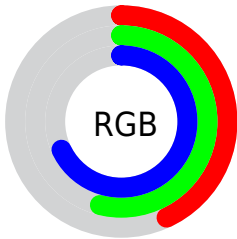
Format	Color
RYB	110, 129, 173
Decimal	7244205
CIELab	56.31, -0.49, -22.04
CIELCh	56, 22.048, 268.720
Yxy	24.2247, 0.2543, 0.2688
Android (android.graphics.Color)	4285434285 (0xFF6E89AD)
YUV	133.0310, 19.7047, -20.1982
Hunter-Lab	49.2186, -3.0242, -17.3284

Details

The YIQ color $133.0310, -27.6480, 5.4720$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $149.9690, 27.6480, -5.4720$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.3730, -28.6110, 6.4050$, and $82.5040, -27.6020, 4.6380$ is the 20% darker color. If you saturate the color by 10%, you get $122.0780, -35.0300, 7.0980$, and if you desaturate by 10%, it is $143.9840, -20.2660, 3.8460$.

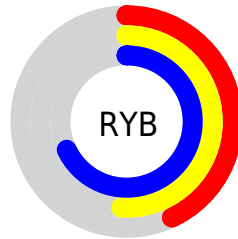
Distribution



Red (43%)

Green (54%)

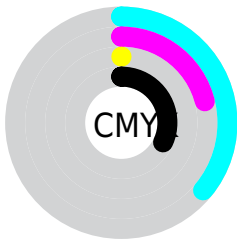
Blue (68%)



Red (43%)

Yellow (51%)

Blue (68%)

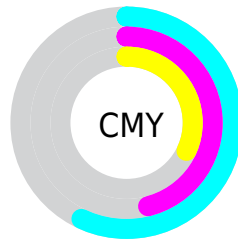


Cyan (36%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0310, -27.6480, 5.4720 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 133.0310, -27.6480, 5.4720 by changing the saturation by 10% instead.

■ 133.0310,
-27.6480, 5.4720

■ 133.0310,
-27.6480, 5.4720

■ 255.0000, -0.0000,
-0.0000

■ 107.5040,
-27.6020, 4.6380

■ 186.3730,
-28.6110, 6.4050

■ 82.3900, -27.2810,
4.3270

■ 214.1450,
-27.9690, 5.7830

■ 58.3790, -28.7480,
3.3800

■ 239.5400,
-19.2560, -3.4480

■ 33.4600, -33.4700,
0.8500

■ 252.9070, -4.1720,
-1.4840

■ 18.5000, -21.7790,
3.7330

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,

0.0000

■ 133.0310,
-27.6480, 5.4720

■ 133.0310,
-27.6480, 5.4720

■ 122.0780,
-35.0300, 7.0980

■ 143.9840,
-20.2660, 3.8460

■ 110.8260,
-43.0080, 8.5120

■ 155.2360,
-12.2880, 2.4320

■ 99.8730, -50.3900,
10.1380

■ 166.1890, -4.9060,
0.8060

■ 89.5070, -58.0470,
11.2410

■ 177.1420, 2.4760,
-0.8200

■ 78.5540, -65.4290,
12.8670

■ 187.5080, 10.1330,
-1.9230

■ 67.3020, -73.4070,
14.2810

■ 198.7600, 18.1110,
-3.3370

■ 63.1600, -75.8830,
15.1010

■ 209.7130, 25.4930,
-4.9630

■ 220.6660, 32.8750,
-6.5890

■ 228.6290, 34.2970,
-10.3350

Harmonies

Analogous

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



128.1060, -41.4010, -4.0970



133.0310, -27.6480, 5.4720



136.5390, -8.3470, 13.6130

Triad

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



133.0310, -27.6480, 5.4720



137.0920, 32.2760, 9.7800



129.6310, -12.7430, -16.8630

Complementary

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



133.0310, -27.6480, 5.4720



149.9690, 27.6480, -5.4720

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.



131.6780, 6.2380, -13.9380



133.0310, -27.6480, 5.4720



135.6260, 30.3520, 0.5920

Square

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



133.0310, -27.6480, 5.4720



138.0730, 25.2600, 15.7880



133.9790, 21.6880, -7.5920



126.8770, -30.9910, -16.5510

Rectangle

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



133.0310, -27.6480, 5.4720



137.6500, 4.5820, 16.0860



133.9790, 21.6880, -7.5920



130.1650, -5.4990, -15.9870

Sweetspot

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



133.0310, -27.6480, 5.4720



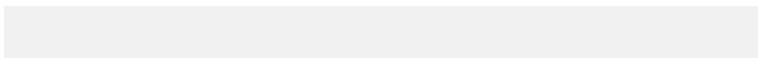
208.6060, -10.4540, 2.2340



151.0850, -28.8810, -21.7530



103.1180, -6.1440, 1.2160



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



133.0310, -27.6480, 5.4720



161.8260, -43.0080, 8.5120



118.3780, -17.8390, 20.4410



81.3740, -3.9890, 0.7070



55.2550, -66.0250, 12.6550



8.4920, -10.1330, 1.9230

Inverse Universe

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



131.9150, 28.8810, 21.7530



160.0900, 44.9260, 33.8380



164.6220, 17.8390, -20.4410



81.1470, 4.0800, 3.1520



52.2600, 68.5350, 52.0150



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 133.0310, -27.6480, 5.4720 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 133.0310, -27.6480, 5.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

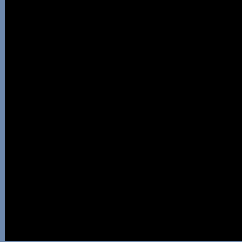
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

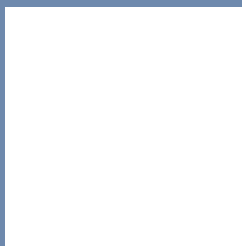
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.0310, -27.6480, 5.4720

Background



This preview shows how black text looks on a background with the YIQ color 133.0310, -27.6480, 5.4720.



This preview shows how white text looks on a background with the YIQ color 133.0310, -27.6480,

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

133.0310, -27.6480, 5.4720

Protanopia

134.8260, -16.6450, 9.8110

Deuteranopia

135.2930, -16.4620, 12.0020



Tritanopia

131.4900, -24.9870, -4.2110

Trichromacy



Original Color

133.0310, -27.6480, 5.4720

Protanomaly

134.0320, -20.2210, 8.5390

Deuteranomaly

134.6730, -20.5880, 9.6840

Tritanomaly

132.4130, -26.0880, -0.7760

Monochromacy



Original Color

133.0310, -27.6480, 5.4720

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9050, -9.8580, 2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0310, -27.6480, 5.4720 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(110, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(110, 137, 173)  
}
```

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(110, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 137, 173) }
```

Border

The CSS property to change the border of an element to YIQ 133.0310, -27.6480, 5.4720 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(110, 137, 173) }
```


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

```
.border{ border-color:rgb(110, 137, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(110, 137,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0310, -27.6480, 5.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 137, 173) }
```

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

```
.background{ background-color: rgb(110,  
137, 173) }
```

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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