

Converting Colors

YIQ(135.1380, 0.2720, 17.1040)

Have a look what the booklet for
YIQ(135.1380, 0.2720, 17.1040)
contains.

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Color

**YIQ(135.1380, 0.2720,
17.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	927CA4
RGB	146, 124, 164
RGB Percent	57%, 49%, 64%
CMY	0.4274, 0.5137, 0.3569
CMYK	0.11, 0.24, 0.00, 0.36
HSL	273°, 18%, 56%
HSV	273°, 24%, 64%
XYZ	25.7642, 23.2059, 38.2396
YIQ	135.1380, 0.2720, 17.1040

Conversions

Conversions Part 2

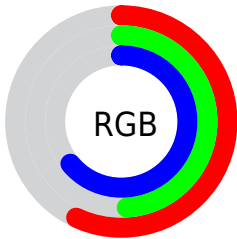
Format	Color
R _Y B	146, 124, 164
Decimal	9600164
CIE Lab	55.28, 16.33, -18.20
CIE LCh	55, 24.457, 311.900
Yxy	23.2059, 0.2954, 0.2661
Android (android.graphics.Color)	4287790244 (0xFF927CA4)
YUV	135.1380, 14.2290, 9.5260
Hunter-Lab	48.1725, 11.1658, -13.3440

Details

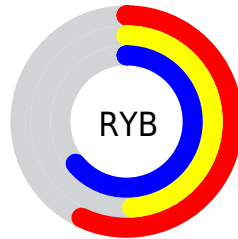
The YIQ color $135.1380, 0.2720, 17.1040$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $152.8620, -0.2720, -17.1040$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.6650, 0.2260, 17.9380$, and $85.1980, 0.0430, 15.7470$ is the 20% darker color. If you saturate the color by 10%, you get $123.6530, 0.5000, 23.9880$, and if you desaturate by 10%, it is $146.6230, 0.0440, 10.2200$.

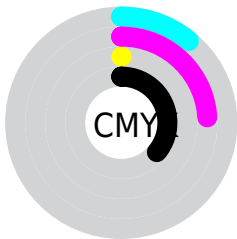
Distribution



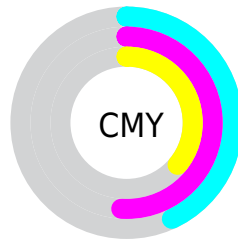
- Red (57%)
- Green (49%)
- Blue (64%)



- Red (57%)
- Yellow (49%)
- Blue (64%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1380, 0.2720, 17.1040 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 135.1380, 0.2720, 17.1040 by changing the saturation by 10% instead.

■ 135.1380, 0.2720,
17.1040

■ 135.1380, 0.2720,
17.1040

■ 255.0000, -0.0000,
-0.0000

■ 109.7250, -0.0030,
16.5810

■ 188.6650, 0.2260,
17.9380

■ 85.1980, 0.0430,
15.7470

■ 216.1920, 0.1800,
18.7720

■ 61.7850, -0.2320,
15.2240

■ 241.4990, 6.3250,
12.0290

■ 39.8450, -0.4610,
13.8670

■ 18.1440, 0.1350,
14.0790

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,

0.0000

■ 135.1380, 0.2720,
17.1040

■ 135.1380, 0.2720,
17.1040

■ 123.6530, 0.5000,
23.9880

■ 146.6230, 0.0440,
10.2200

■ 111.2820, 0.4070,
31.1830

■ 158.9940, 0.1370,
3.0250

■ 99.7970, 0.6350,
38.0670

■ 170.4790, -0.0910,
-3.8590

■ 87.7250, 1.1380,
45.4740

■ 182.5510, -0.5940,
-11.2660

■ 75.9410, 0.7700,
52.1460

■ 194.3350, -0.2260,
-17.9380

■ 64.4560, 0.9980,
59.0300

■ 205.8200, -0.4540,
-24.8220

■ 52.0850, 0.9050,
66.2250

■ 218.1910, -0.3610,
-32.0170

■ 45.6060, 0.9960,
70.0840

■ 229.6760, -0.5890,
-38.9010

■ 231.7690, 3.5830,
-37.4170

Harmonies

Analogous

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



131.7160, -22.1470, 10.4050



135.1380, 0.2720, 17.1040



135.5440, 19.6200, 18.8840

Triad

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



135.1380, 0.2720, 17.1040



132.6920, 29.9860, -3.7900



121.4180, -42.8200, -16.9320

Complementary

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



135.1380, 0.2720, 17.1040



152.8620, -0.2720, -17.1040

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.



124.7160, -23.2880, -18.4880



135.1380, 0.2720, 17.1040



130.5930, 16.7830, -12.3130

Square

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



135.1380, 0.2720, 17.1040



133.8380, 35.8070, 6.3590



127.9650, -2.0600, -17.7400



121.9150, -51.3490, -11.0370

Rectangle

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



135.1380, 0.2720, 17.1040



135.4540, 28.5610, 16.5370



127.9650, -2.0600, -17.7400



122.4140, -36.9970, -17.8370

Sweetspot

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



135.1380, 0.2720, 17.1040



203.1020, -0.0470, 6.3610



139.1260, -17.7900, 3.0260



101.1080, -0.1840, 3.3360



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



135.1380, 0.2720, 17.1040



169.2340, 0.3620, 26.4900



140.2920, 11.6420, 20.2980



75.5210, 0.0910, 3.8590



40.4500, 1.1350, 62.0550



5.0420, 0.1820, 7.7180

Inverse Universe

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



138.0120, 18.0620, 14.0780



173.7300, 27.9640, 21.8520



147.7080, -11.6420, -20.2980



76.1470, 4.0800, 3.1520



50.7650, 65.5550, 50.9550



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 135.1380, 0.2720, 17.1040 looks on a white background.

Color Contrast Check

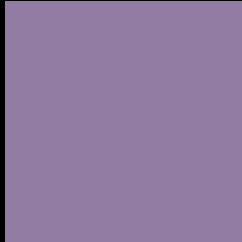
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1380, 0.2720, 17.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

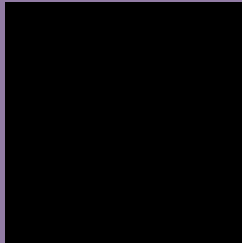
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.1380, 0.2720, 17.1040

Background



This preview shows how black text looks on a background with the YIQ color 135.1380, 0.2720, 17.1040.



This preview shows how white text looks on a background with the YIQ color 135.1380, 0.2720,

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

135.1380, 0.2720, 17.1040

Protanopia

132.9400, -16.9660, 10.1220

Deuteranopia

133.7620, -10.5930, 10.2630



Tritanopia

134.0270, 4.5380, 5.8660

Trichromacy



Original Color

135.1380, 0.2720, 17.1040

Protanomaly

133.3430, -10.7310, 12.7650

Deuteranomaly

134.3820, -6.4670, 12.5810

Tritanomaly

134.1780, 2.7950, 9.9230

Monochromacy



Original Color

135.1380, 0.2720, 17.1040

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1380, 0.2720, 17.1040 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(146, 124, 164)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 164)  
}
```

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(146, 124, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 164) }
```

Border

The CSS property to change the border of an element to YIQ 135.1380, 0.2720, 17.1040 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(146, 124, 164) }
```


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

```
.border{ border-color:rgb(146, 124, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 164);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1380, 0.2720, 17.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 164) }
```

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

```
.background{ background-color: rgb(146,  
124, 164) }
```

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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