

Converting Colors

YIQ(79.1380, 0.2720, 17.1040)

Have a look what the booklet for
YIQ(79.1380, 0.2720, 17.1040)
contains.

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Color

**YIQ(79.1380, 0.2720,
17.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	5A446C
RGB	90, 68, 108
RGB Percent	35%, 27%, 42%
CMY	0.6470, 0.7334, 0.5765
CMYK	0.17, 0.37, 0.00, 0.58
HSL	273°, 23%, 35%
HSV	273°, 37%, 42%
XYZ	8.9913, 7.3903, 15.1378
YIQ	79.1380, 0.2720, 17.1040

Conversions

Conversions Part 2

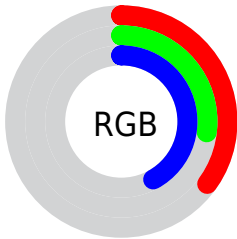
Format	Color
R_{YB}	90, 68, 108
Decimal	5915756
CIE _{Lab}	32.68, 18.00, -19.68
CIE _{LCh}	33, 26.668, 312.445
Yxy	7.3903, 0.2853, 0.2345
Android (android.graphics.Color)	4284105836 (0xFF5A446C)
YUV	79.1380, 14.2290, 9.5260
Hunter-Lab	27.1852, 11.4636, -13.9855

Details

The YIQ color **79.1380, 0.2720, 17.1040** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.8620, -0.2720, -17.1040**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4910, 0.7760, 18.9840**, and **33.7850, -0.2320, 15.2240** is the 20% darker color. If you saturate the color by 10%, you get **71.1860, 0.3170, 21.7970**, and if you desaturate by 10%, it is **87.0900, 0.2270, 12.4110**.

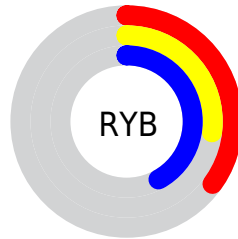
Distribution



Red (35%)

Green (27%)

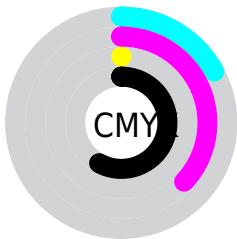
Blue (42%)



Red (35%)

Yellow (27%)

Blue (42%)

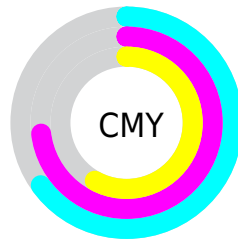


Cyan (17%)

Magenta (37%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1380, 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 79.1380, 0.2720, 17.1040 by changing the saturation by 10% instead.

■ 79.1380, 0.2720,
17.1040

■ 79.1380, 0.2720,
17.1040

■ 255.0000, -0.0000,
-0.0000

■ 55.7250, -0.0030,
16.5810

■ 128.4910, 0.7760,
18.9840

■ 33.7850, -0.2320,
15.2240

■ 154.6050, 0.4550,
19.2950

■ 11.6220, 1.7850,
17.2170

■ 181.9040, 1.0510,
19.5070

■ 2.4110, -5.4110,
4.4530

■ 209.4310, 1.0050,
20.3410

■ 0.0000, 0.0000,
0.0000

■ 235.9060, 6.7370,
15.5770

■ 253.8260, 0.5500,

1.0460

■ 79.1380, 0.2720,
17.1040

■ 79.1380, 0.2720,
17.1040

■ 71.1860, 0.3170,
21.7970

■ 87.0900, 0.2270,
12.4110

■ 63.2340, 0.3620,
26.4900

■ 95.0420, 0.1820,
7.7180

■ 55.8690, 0.1320,
30.6600

■ 102.4070, 0.4120,
3.5480

■ 48.2160, 0.7730,
35.5650

■ 110.0600, -0.2290,
-1.3570

■ 40.2640, 0.8180,
40.2580

■ 118.0120, -0.2740,
-6.0500

■ 32.3120, 0.8630,
44.9510

■ 125.9640, -0.3190,
-10.7430

■ 29.9530, 0.4960,
46.0960

■ 133.9160, -0.3640,
-15.4360

■ 141.2810, -0.1340,
-19.6060

■ 149.2330, -0.1790,
-24.2990

Harmonies

Analogous

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



75.4060, -24.2100, 9.2460



79.1380, 0.2720, 17.1040



78.6580, 19.2990, 19.1950

Triad

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



79.1380, 0.2720, 17.1040



75.7950, 28.1980, -4.4260



61.3460, -51.4850, -19.5890

Complementary

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



79.1380, 0.2720, 17.1040



96.8620, -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.



66.3240, -28.0560, -20.1840



79.1380, 0.2720, 17.1040



73.9950, 15.5910, -12.7370

Square

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



79.1380, 0.2720, 17.1040



76.9410, 34.0190, 5.7230



71.7800, -2.9770, -17.6410



62.4520, -57.3550, -12.3230

Rectangle

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



79.1380, 0.2720, 17.1040



77.9810, 28.5150, 17.3710



71.7800, -2.9770, -17.6410



60.5480, -49.2380, -21.7660

Sweetspot

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



79.1380, 0.2720, 17.1040



129.1020, -0.0470, 6.3610



83.1260, -17.7900, 3.0260



64.5210, 0.0910, 3.8590



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



79.1380, 0.2720, 17.1040



96.1200, 0.6830, 26.1790



84.2920, 11.6420, 20.2980



49.5810, -0.1380, 2.5020



32.7730, 1.1830, 50.1670



68.2950, 1.8150, 104.8150

Inverse Universe

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



82.0120, 18.0620, 14.0780



100.3170, 27.6890, 21.3290



91.7080, -11.6420, -20.2980



50.1360, 2.6130, 2.2050



41.0250, 52.7190, 41.2870



85.7950, 110.7100, 86.1500

Previews

White Background



This preview shows how the YIQ color 79.1380, 0.2720, 17.1040 looks on a white 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 ✓ Pass

Black Background



This preview shows how the YIQ color 79.1380, 0.2720, 17.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

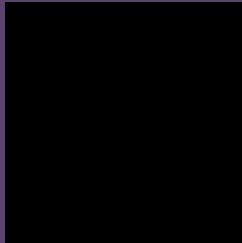
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1380, 0.2720, 17.1040

Background



This preview shows how black text looks on a background with the YIQ color 79.1380, 0.2720, 17.1040.



This preview shows how white text looks on a background with the YIQ color 79.1380, 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

79.1380, 0.2720, 17.1040

Protanopia

76.7440, -19.3500, 9.2740

Deuteranopia

77.0280, -14.3980, 7.6340



Tritanopia

77.9730, 4.6300, 4.1980

Trichromacy



Original Color

79.1380, 0.2720, 17.1040

Protanomaly

77.4460, -12.5190, 12.1290

Deuteranomaly

77.7730, -9.1260, 11.2100

Tritanomaly

78.5370, 3.1620, 8.7780

Monochromacy



Original Color

79.1380, 0.2720, 17.1040

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1380, 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(90, 68, 108)` looks like.

```
.text, #text, p{  
    color:rgb(90, 68, 108)  
}
```

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(90, 68, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 68, 108) }
```

Border

The CSS property to change the border of an element to YIQ 79.1380, 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(90, 68, 108) }
```


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

```
.border{ border-color:rgb(90, 68, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 68, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 68, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 68, 108);  
box-shadow:4px 4px 4px 4px rgb(90, 68,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1380, 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(90, 68, 108) }
```

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

```
.background{ background-color: rgb(90, 68,  
108) }
```

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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