

Converting Colors

YIQ(135.7040, 13.6580, 27.8180)

Have a look what the booklet for
YIQ(135.7040, 13.6580, 27.8180)
contains.

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Color

**YIQ(135.7040, 13.6580,
27.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	A672A8
RGB	166, 114, 168
RGB Percent	65%, 45%, 66%
CMY	0.3489, 0.5530, 0.3412
CMYK	0.01, 0.32, 0.00, 0.34
HSL	298°, 24%, 55%
HSV	298°, 32%, 66%
XYZ	28.8173, 22.9683, 39.9618
YIQ	135.7040, 13.6580, 27.8180

Conversions

Conversions Part 2

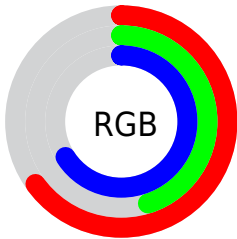
Format	Color
RYB	166, 114, 168
Decimal	10908328
CIELab	55.04, 29.69, -20.71
CIELCh	55, 36.203, 325.103
Yxy	22.9683, 0.3141, 0.2503
Android (android.graphics.Color)	4289098408 (0xFFA672A8)
YUV	135.7040, 15.9219, 26.5696
Hunter-Lab	47.9253, 23.4623, -15.8904

Details

The YIQ color **135.7040, 13.6580, 27.8180** is a light color, and the websafe version is hex **996699**. A complement of this color would be **146.2960, -13.6580, -27.8180**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8290, 14.8040, 29.0760**, and **85.1660, 12.2370, 26.0370** is the 20% darker color. If you saturate the color by 10%, you get **125.4260, 17.7370, 36.4970**, and if you desaturate by 10%, it is **145.9820, 9.5790, 19.1390**.

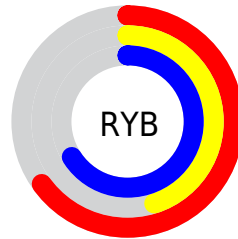
Distribution



Red (65%)

Green (45%)

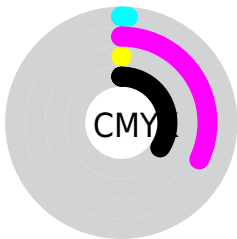
Blue (66%)



Red (65%)

Yellow (45%)

Blue (66%)

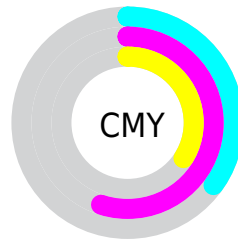


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7040, 13.6580, 27.8180 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 135.7040, 13.6580, 27.8180 by changing the saturation by 10% instead.

■ 135.7040, 13.6580,
27.8180

■ 135.7040, 13.6580,
27.8180

■ 255.0000, -0.0000,
-0.0000

■ 109.8780, 13.1080,
26.7720

■ 189.8290, 14.8040,
29.0760

■ 85.1660, 12.2370,
26.0370

■ 217.6550, 15.3540,
30.1220

■ 60.7530, 11.9620,
25.5140

■ 235.6290, 9.0750,
17.2590

■ 37.0410, 11.0910,
24.7790

■ 252.6520, 1.1000,
2.0920

■ 17.3890, 9.9910,
22.6870

■ 5.1280, -2.9360,
9.1600

■ 0.0000, 0.0000,

0.0000

135.7040, 13.6580,
27.8180

135.7040, 13.6580,
27.8180

125.4260, 17.7370,
36.4970

145.9820, 9.5790,
19.1390

115.4470, 22.4120,
45.3880

155.9610, 4.9040,
10.2480

105.7560, 26.2160,
53.5440

165.6520, 1.1000,
2.0920

95.7770, 30.8910,
62.4350

175.6310, -3.5750,
-6.7990

85.4990, 34.9700,
71.1140

185.9090, -7.6540,
-15.4780

75.2210, 39.0490,
79.7930

196.1870,
-11.7330, -24.1570

67.5900, 42.6240,
86.5920

206.1660,
-16.4080, -33.0480

215.8570,
-20.2120, -41.2040

220.2650,
-21.5410, -44.6530

Harmonies

Analogous

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



133.3670, -19.3060, 19.4940



135.7040, 13.6580, 27.8180



134.7530, 38.3250, 26.8130

Triad

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



135.7040, 13.6580, 27.8180



129.5320, 35.9480, -12.7240



104.7740, -91.0970, -28.5770

Complementary

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



135.7040, 13.6580, 27.8180



146.2960, -13.6580, -27.8180

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.



111.5910, -59.9650, -31.1090



135.7040, 13.6580, 27.8180



126.7030, 13.1170, -22.9710

Square

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



135.7040, 13.6580, 27.8180



131.7330, 49.1040, 2.1600



121.9580, -18.5180, -27.8460



105.2760, -98.0220, -18.7100

Rectangle

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



135.7040, 13.6580, 27.8180



133.5550, 47.4500, 21.1300



121.9580, -18.5180, -27.8460



103.6340, -87.8870, -31.6870

Sweetspot

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



135.7040, 13.6580, 27.8180



206.0860, 6.0500, 11.5060



121.9170, -18.1590, 15.2250



101.4830, 3.2540, 7.1100



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



135.7040, 13.6580, 27.8180



168.2080, 21.5870, 43.8190



133.5660, 22.5540, 20.7780



79.3040, 2.2000, 4.1840



59.6290, 37.7200, 76.3440



8.2600, 5.5000, 10.4600

Inverse Universe

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



130.3740, 31.5420, 12.0700



159.7570, 49.6970, 18.9530



148.4340, -22.5540, -20.7780



78.3920, 4.7680, 1.6960



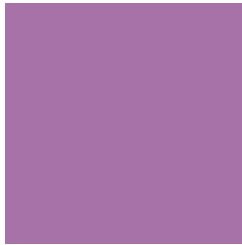
44.8220, 86.6030, 32.9310



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 135.7040, 13.6580, 27.8180 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 135.7040, 13.6580, 27.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

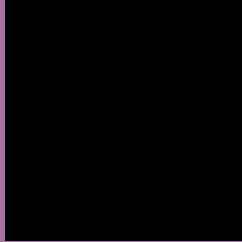
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7040, 13.6580, 27.8180

Background



This preview shows how black text looks on a background with the YIQ color 135.7040, 13.6580, 27.8180.



This preview shows how white text looks on a background with the YIQ color 135.7040, 13.6580,

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

135.7040, 13.6580, 27.8180

Protanopia

132.1120, -23.2020, 13.0060

Deuteranopia

132.8050, -12.1520, 10.9840



Tritanopia

134.1000, 20.6300, 11.5900

Trichromacy



Original Color

135.7040, 13.6580, 27.8180

Protanomaly

133.2170, -10.1360, 18.5040

Deuteranomaly

134.1700, -2.7540, 16.8780

Tritanomaly

134.4190, 18.4740, 17.6260

Monochromacy



Original Color

135.7040, 13.6580, 27.8180

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7040, 13.6580, 27.8180 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(166, 114, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 114, 168)  
}
```

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(166, 114, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 114, 168) }
```

Border

The CSS property to change the border of an element to YIQ 135.7040, 13.6580, 27.8180 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(166, 114, 168) }
```


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

```
.border{ border-color:rgb(166, 114, 168) }
```

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

Here you see how a box with a 4 pixel rgb(166, 114, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 114, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 114, 168);  
box-shadow:4px 4px 4px 4px rgb(166, 114,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7040, 13.6580, 27.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 114, 168) }
```

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

```
.background{ background-color: rgb(166,  
114, 168) }
```

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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