

Converting Colors

YIQ(135.8680, -7.2950, 27.5930)

Have a look what the booklet for
YIQ(135.8680, -7.2950, 27.5930)
contains.

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Color

**YIQ(135.8680, -7.2950,
27.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	9278BF
RGB	146, 120, 191
RGB Percent	57%, 47%, 75%
CMY	0.4273, 0.5294, 0.2511
CMYK	0.24, 0.37, 0.00, 0.25
HSL	262°, 36%, 61%
HSV	262°, 37%, 75%
XYZ	27.9757, 23.3045, 52.3016
YIQ	135.8680, -7.2950, 27.5930

Conversions

Conversions Part 2

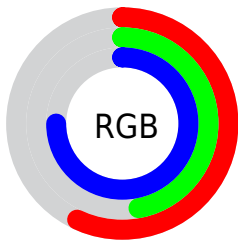
Format	Color
R_{YB}	146, 120, 191
Decimal	9599167
CIE _{Lab}	55.38, 24.90, -33.56
CIE _{LCh}	55, 41.787, 306.582
Y _{xy}	23.3045, 0.2701, 0.2250
Android (android.graphics.Color)	4287789247 (0xFF9278BF)
YUV	135.8680, 27.1801, 8.8858
Hunter-Lab	48.2747, 18.9617, -30.4434

Details

The YIQ color **135.8680, -7.2950, 27.5930** is a light color, and the websafe version is hex **996699**. A complement of this color would be **175.1320, 7.2950, -27.5930**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9220, -7.3870, 29.2610**, and **85.4010, -7.4780, 25.4020** is the 20% darker color. If you saturate the color by 10%, you get **121.1270, -9.2220, 34.9860**, and if you desaturate by 10%, it is **150.6090, -5.3680, 20.2000**.

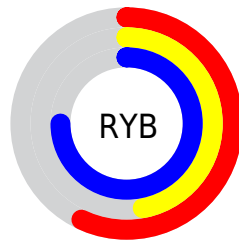
Distribution



Red (57%)

Green (47%)

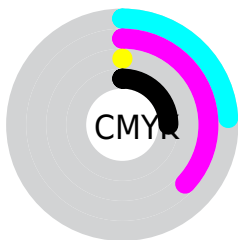
Blue (75%)



Red (57%)

Yellow (47%)

Blue (75%)

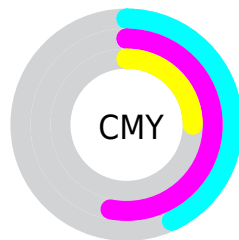


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8680, -7.2950, 27.5930 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 135.8680, -7.2950, 27.5930 by changing the saturation by 10% instead.

■ 135.8680, -7.2950,
27.5930

■ 135.8680, -7.2950,
27.5930

■ 255.0000, -0.0000,
-0.0000

■ 110.3410, -7.2490,
26.7590

■ 189.9220, -7.3870,
29.2610

■ 85.4010, -7.4780,
25.4020

■ 215.2400, 0.2250,
23.4650

■ 61.4610, -7.7070,
24.0450

■ 239.1510, 7.4250,
14.1210

■ 38.9230, -9.1280,
22.2640

■ 15.2110, -9.9990,
21.5290

■ 4.6740, -13.1610,
12.7510

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 135.8680, -7.2950,
27.5930

■ 135.8680, -7.2950,
27.5930

■ 121.1270, -9.2220,
34.9860

■ 150.6090, -5.3680,
20.2000

■ 106.3860,
-11.1490, 42.3790

■ 165.3500, -3.4410,
12.8070

■ 91.6450, -13.0760,
49.7720

■ 180.0910, -1.5140,
5.4140

■ 76.9040, -15.0030,
57.1650

■ 194.8320, 0.4130,
-1.9790

■ 62.1630, -16.9300,
64.5580

■ 209.5730, 2.3400,
-9.3720

■ 46.5360, -19.1780,
72.2620

■ 225.2000, 4.5880,
-17.0760

■ 42.7040, -19.5910,
74.2410

■ 239.9410, 6.5150,
-24.4690

■ 244.1160, 13.3920,
-22.4480

■ 247.7040, 20.5440,
-19.9040

Harmonies

Analogous

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



127.3290, -51.6740, 11.3820



135.8680, -7.2950, 27.5930



136.2930, 28.2370, 33.4290

Triad

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



135.8680, -7.2950, 27.5930



130.8870, 51.3060, -4.7100



104.5970, -86.4650, -35.4330

Complementary

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



135.8680, -7.2950, 27.5930



175.1320, 7.2950, -27.5930

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.



116.2480, -40.0660, -33.8100



135.8680, -7.2950, 27.5930



128.6360, 32.4190, -20.3570

Square

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



135.8680, -7.2950, 27.5930



132.6730, 58.5010, 13.5810



124.4410, 1.9310, -29.5010



108.0000, -97.4250, -24.0250

Rectangle

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



135.8680, -7.2950, 27.5930



134.5090, 45.0640, 31.3360



124.4410, 1.9310, -29.5010



103.1150, -82.2920, -39.4760

Sweetspot

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



135.8680, -7.2950, 27.5930



226.0680, -2.7070, 10.5170



154.5090, -35.1660, -1.4540



112.6180, -1.5600, 6.2480



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.8680, -7.2950, 27.5930



160.9130, -11.1950, 43.2130



146.6320, 14.1610, 35.2250



86.9230, -1.1010, 3.4350



35.3540, -16.1500, 61.4340



6.8230, -3.3950, 11.9730

Inverse Universe

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



146.3590, 27.8710, 29.0470



177.2830, 43.3650, 45.6130



164.3680, -14.1610, -35.2250



88.3750, 3.4380, 3.7740



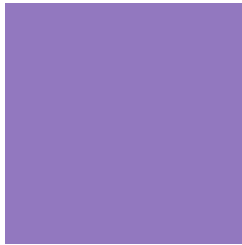
58.6420, 62.0680, 64.5960



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 135.8680, -7.2950, 27.5930 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 135.8680, -7.2950, 27.5930 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 135.8680, -7.2950, 27.5930

Background



This preview shows how black text looks on a background with the YIQ color 135.8680, -7.2950, 27.5930.



This preview shows how white text looks on a background with the YIQ color 135.8680, -7.2950,

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

135.8680, -7.2950, 27.5930

Protanopia

131.7010, -34.9860, 17.3180

Deuteranopia

131.9310, -29.9420, 14.0100



Tritanopia

133.3470, 0.6410, 4.9050

Trichromacy



Original Color

135.8680, -7.2950, 27.5930

Protanomaly

132.8980, -25.1750, 21.2330

Deuteranomaly

133.2850, -22.0110, 18.9570

Tritanomaly

133.9480, -2.2490, 13.2310

Monochromacy



Original Color

135.8680, -7.2950, 27.5930

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9540, -2.3860, 10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8680, -7.2950, 27.5930 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, 120, 191)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 191)  
}
```

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, 120, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 191) }
```

Border

The CSS property to change the border of an element to YIQ 135.8680, -7.2950, 27.5930 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, 120, 191) }
```


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

```
.border{ border-color:rgb(146, 120, 191) }
```

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

Here you see how a box with a 4 pixel rgb(146, 120, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 191);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8680, -7.2950, 27.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 191) }
```

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

```
.background{ background-color: rgb(146,  
120, 191) }
```

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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