

Converting Colors

YIQ(140.7680, -27.9250,
16.0030)

Have a look what the booklet for
YIQ(140.7680, -27.9250, 16.0030)
contains.

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Color

**YIQ(140.7680, -27.9250,
16.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8AC7
RGB	124, 138, 199
RGB Percent	49%, 54%, 78%
CMY	0.5137, 0.4588, 0.2198
CMYK	0.38, 0.31, 0.00, 0.22
HSL	229°, 40%, 63%
HSV	229°, 38%, 78%
XYZ	27.7058, 26.5855, 57.6796
YIQ	140.7680, -27.9250, 16.0030

Conversions

Conversions Part 2

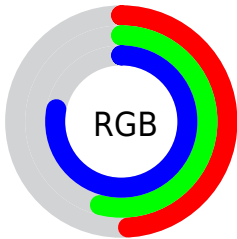
Format	Color
RYB	124, 136, 199
Decimal	8161991
CIELab	58.59, 10.02, -33.23
CIELCh	59, 34.704, 286.783
Yxy	26.5855, 0.2474, 0.2374
Android (android.graphics.Color)	4286352071 (0xFF7C8AC7)
YUV	140.7680, 28.7084, -14.7055
Hunter-Lab	51.5611, 5.6830, -30.2327

Details

The YIQ color $140.7680, -27.9250, 16.0030$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $182.2320, 27.9250, -16.0030$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.7080, -27.6960, 17.3600$, and $89.4150, -28.4290, 14.1230$ is the 20% darker color. If you saturate the color by 10%, you get $125.3960, -35.4450, 20.1310$, and if you desaturate by 10%, it is $156.1400, -20.4050, 11.8750$.

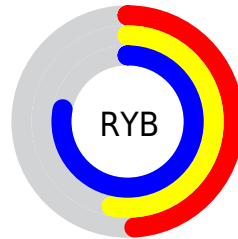
Distribution



Red (49%)

Green (54%)

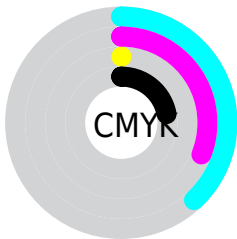
Blue (78%)



Red (49%)

Yellow (53%)

Blue (78%)

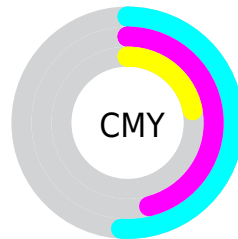


Cyan (38%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7680, -27.9250, 16.0030 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 140.7680, -27.9250, 16.0030 by changing the saturation by 10% instead.

■ 140.7680,
-27.9250, 16.0030

■ 140.7680,
-27.9250, 16.0030

■ 255.0000, -0.0000,
-0.0000

■ 114.8280,
-28.1540, 14.6460

■ 194.7080,
-27.6960, 17.3600

■ 89.4150, -28.4290,
14.1230

■ 219.5160,
-18.7080, 8.6520

■ 65.1760, -29.2540,
12.5540

■ 245.2100, -9.3990,
-0.3670

■ 39.8440, -34.2510,
9.5010

■ 21.4810, -28.7950,
9.7410

■ 5.9450, -15.3620,
14.0940

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 140.7680,
-27.9250, 16.0030

■ 140.7680,
-27.9250, 16.0030

■ 125.3960,
-35.4450, 20.1310

■ 156.1400,
-20.4050, 11.8750

■ 110.0240,
-42.9650, 24.2590

■ 171.5120,
-12.8850, 7.7470

■ 94.0650, -50.2100,
28.9100

■ 187.4710, -5.6400,
3.0960

■ 78.6930, -57.7300,
33.0380

■ 202.8430, 1.8800,
-1.0320

■ 63.6200, -64.6540,
37.3780

■ 217.9160, 8.8040,
-5.3720

■ 48.2480, -72.1740,
41.5060

■ 233.2880, 16.3240,
-9.5000

■ 44.4050, -74.0540,
42.5380

■ 246.2680, 19.0760,
-15.3240

■ 248.6160, 17.9760,
-17.4160

Harmonies

Analogous

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



130.6060, -63.1800, -0.3640



140.7680, -27.9250, 16.0030



145.0450, 5.2680, 25.6840

Triad

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



140.7680, -27.9250, 16.0030



141.6670, 49.4700, 6.5420



126.5670, -42.2220, -27.7740

Complementary

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



140.7680, -27.9250, 16.0030



182.2320, 27.9250, -16.0030

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.



132.9870, -8.2940, -25.9100



140.7680, -27.9250, 16.0030



139.4340, 39.3400, -8.1160

Square

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



140.7680, -27.9250, 16.0030



142.7290, 46.9000, 20.0840



136.9320, 19.9020, -19.2820



110.9540, -91.7840, -32.6480

Rectangle

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



140.7680, -27.9250, 16.0030



145.2660, 23.6990, 27.5630



136.9320, 19.9020, -19.2820



129.0260, -30.3930, -27.3930

Sweetspot

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



140.7680, -27.9250, 16.0030



233.1270, -10.3630, 6.0930



174.8650, -39.8850, -20.5650



114.6990, -6.2820, 3.7180



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



140.7680, -27.9250, 16.0030



166.0240, -42.9650, 24.2590



139.1280, -10.9630, 27.9890



91.6130, -3.1640, 2.2760



36.1920, -60.5730, 35.0030



8.2130, -13.4810, 7.5350

Inverse Universe

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



148.0210, 40.2060, 20.2540



176.8930, 61.4780, 31.2220



183.5730, 10.3670, -28.2010



92.8050, 5.0430, 2.2190



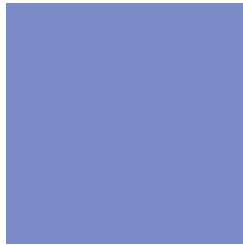
52.1570, 87.5180, 43.8860



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 140.7680, -27.9250, 16.0030 looks on a white background.

Color Contrast Check

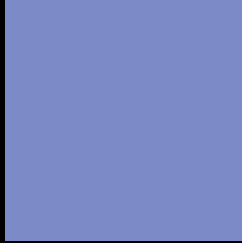
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7680, -27.9250, 16.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

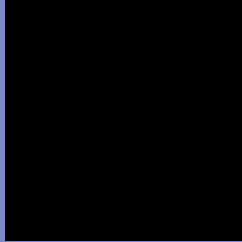
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.7680, -27.9250, 16.0030

Background



This preview shows how black text looks on a background with the YIQ color 140.7680, -27.9250, 16.0030.



This preview shows how white text looks on a background with the YIQ color 140.7680, -27.9250,

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

140.7680, -27.9250, 16.0030

Protanopia

140.7570, -29.3920, 15.0560

Deuteranopia

140.1590, -30.5840, 14.6320



Tritanopia

137.8000, -22.9240, -3.0520

Trichromacy



Original Color

140.7680, -27.9250, 16.0030

Protanomaly

141.0560, -28.7960, 15.2680

Deuteranomaly

140.4580, -29.9880, 14.8440

Tritanomaly

138.9450, -24.5300, 4.0300

Monochromacy



Original Color

140.7680, -27.9250, 16.0030

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.0130, -10.0420, 5.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7680, -27.9250, 16.0030 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(124, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 199)  
}
```

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(124, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 199) }
```

Border

The CSS property to change the border of an element to YIQ 140.7680, -27.9250, 16.0030 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(124, 138, 199) }
```


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

```
.border{ border-color:rgb(124, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7680, -27.9250, 16.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 199) }
```

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

```
.background{ background-color: rgb(124,  
138, 199) }
```

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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