

Converting Colors

YIQ(148.4020, -27.5550,
-1.7230)

Have a look what the booklet for
YIQ(148.4020, -27.5550, -1.7230)
contains.

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Color

**YIQ(148.4020, -27.5550,
-1.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	799DB0
RGB	121, 157, 176
RGB Percent	47%, 62%, 69%
CMY	0.5256, 0.3842, 0.3099
CMYK	0.31, 0.11, 0.00, 0.31
HSL	201°, 26%, 58%
HSV	201°, 31%, 69%
XYZ	27.7754, 31.3160, 45.6386
YIQ	148.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

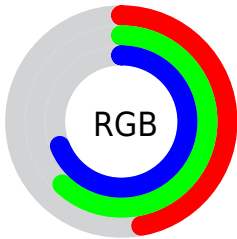
Format	Color
R _Y B	121, 143, 176
Decimal	7970224
CIE Lab	62.77, -7.74, -13.86
CIE LCh	63, 15.875, 240.819
Yxy	31.3160, 0.2652, 0.2990
Android (android.graphics.Color)	4286160304 (0xFF799DB0)
YUV	148.4020, 13.6058, -24.0316
Hunter-Lab	55.9607, -9.3350, -9.1813

Details

The YIQ color $148.4020, -27.5550, -1.7230$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $148.5980, 27.5550, 1.7230$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $203.2170, -28.4720, -1.6240$, and $97.1740, -26.9130, -2.3450$ is the 20% darker color. If you saturate the color by 10%, you get $139.4980, -36.6330, -2.4010$, and if you desaturate by 10%, it is $157.3060, -18.4770, -1.0450$.

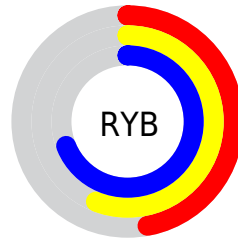
Distribution



Red (47%)

Green (62%)

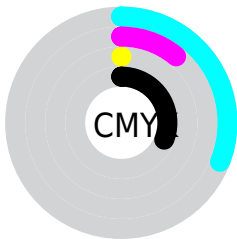
Blue (69%)



Red (47%)

Yellow (56%)

Blue (69%)

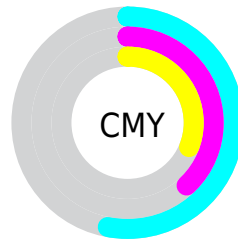


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4020, -27.5550, -1.7230 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 148.4020, -27.5550, -1.7230 by changing the saturation by 10% instead.

■ 148.4020,
-27.5550, -1.7230

■ 148.4020,
-27.5550, -1.7230

■ 255.0000, -0.0000,
-0.0000

■ 122.2880,
-27.2340, -2.0340

■ 203.2170,
-28.4720, -1.6240

■ 97.1740, -26.9130,
-2.3450

■ 230.6470,
-26.8670, -3.1790

■ 72.8750, -27.5090,
-2.5570

■ 247.8240,
-14.3040, -5.0880

■ 48.8640, -28.9760,
-3.5040

■ 27.6470, -26.8670,
-3.1790

■ 12.9260, -14.3510,
1.2730

■ 0.3420, -0.9630,

0.9330

0.0000, 0.0000,
0.0000

148.4020,
-27.5550, -1.7230

148.4020,
-27.5550, -1.7230

139.4980,
-36.6330, -2.4010

157.3060,
-18.4770, -1.0450

130.8930,
-45.1150, -2.8670

165.9110, -9.9950,
-0.5790

121.9890,
-54.1930, -3.5450

174.8150, -0.9170,
0.0990

113.3840,
-62.6750, -4.0110

183.4200, 7.5650,
0.5650

104.4800,
-71.7530, -4.6890

192.3240, 16.6430,
1.2430

■ 95.5760, -80.8310,
-5.3670

■ 201.2280, 25.7210,
1.9210

■ 87.5690, -88.1210,
-5.4090

■ 209.8330, 34.2030,
2.3870

■ 217.2310, 38.8340,
1.0580

■ 220.7530, 37.1840,
-2.0800

Harmonies

Analogous

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



146.9300, -29.3420, -7.8860



148.4020, -27.5550, -1.7230



151.2940, -18.2030, 5.0050

Triad

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



148.4020, -27.5550, -1.7230



154.5020, 19.4380, 11.1660



149.4160, 4.2200, -10.4040

Complementary

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



148.4020, -27.5550, -1.7230



148.5980, 27.5550, 1.7230

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.



151.5100, 15.8190, -5.8530



148.4020, -27.5550, -1.7230



153.7920, 24.2530, 6.5010

Square

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



148.4020, -27.5550, -1.7230



154.5810, 9.0300, 12.5660



152.6190, 23.0620, 0.5500



148.2340, -9.9470, -12.4670

Rectangle

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



148.4020, -27.5550, -1.7230



152.8930, -9.5840, 8.4960



152.6190, 23.0620, 0.5500



150.0960, 8.1170, -9.4430

Sweetspot

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



148.4020, -27.5550, -1.7230



219.0250, -10.3160, -0.2680



155.3370, -20.9030, -23.1670



108.1780, -6.3730, -0.1410



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



148.4020, -27.5550, -1.7230



186.9750, -42.4100, -2.3300



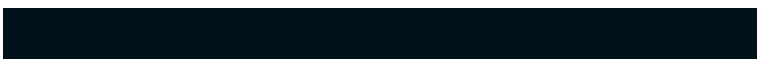
132.5530, -20.1300, 12.3980



84.5480, -4.5390, -0.3390



76.1420, -76.6130, -4.7170



12.9430, -13.0210, -0.8050

Inverse Universe

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



141.5490, 21.2240, 22.8560



176.6850, 33.0050, 35.1250



164.4470, 20.1300, -12.3980



83.3750, 3.4380, 3.7740



57.1470, 59.0880, 63.5360



9.7120, 10.0390, 10.7990

Previews

White Background



This preview shows how the YIQ color 148.4020, -27.5550, -1.7230 looks on a white background.

Color Contrast Check

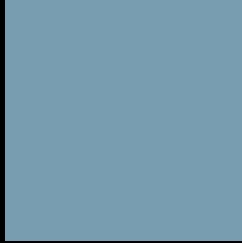
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 148.4020, -27.5550, -1.7230 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 ✓ Pass

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

YIQ 148.4020, -27.5550, -1.7230

Background



This preview shows how black text looks on a background with the YIQ color 148.4020, -27.5550, -1.7230.



This preview shows how white text looks on a background with the YIQ color 148.4020, -27.5550, -1.7230.

-1.7230.

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

148.4020, -27.5550, -1.7230

Protanopia

151.9100, -8.2540, 6.4180

Deuteranopia

152.9150, -6.6500, 10.3900



Tritanopia

148.1200, -26.8210, -4.0130

Trichromacy



Original Color

148.4020, -27.5550, -1.7230

Protanomaly

150.7950, -15.3600, 3.0400

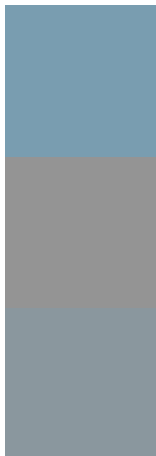
Deuteranomaly

150.9740, -14.3060, 5.9660

Tritanomaly

148.3480, -27.4630, -3.3910

Monochromacy



Original Color

148.4020, -27.5550, -1.7230

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9110, -9.9950, -0.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4020, -27.5550, -1.7230 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(121, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(121, 157, 176)  
}
```

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(121, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 157, 176) }
```

Border

The CSS property to change the border of an element to YIQ 148.4020, -27.5550, -1.7230 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(121, 157, 176) }
```


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

```
.border{ border-color:rgb(121, 157, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 157, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(121, 157,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4020, -27.5550, -1.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 157, 176) }
```

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

```
.background{ background-color: rgb(121,  
157, 176) }
```

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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