

Converting Colors

YIQ(180.0550, -27.0550,
22.2650)

Have a look what the booklet for
YIQ(180.0550, -27.0550, 22.2650)
contains.

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Color

**YIQ(180.0550, -27.0550,
22.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ADF8
RGB	168, 173, 248
RGB Percent	66%, 68%, 97%
CMY	0.3411, 0.3215, 0.0276
CMYK	0.32, 0.30, 0.00, 0.03
HSL	236°, 85%, 82%
HSV	236°, 32%, 97%
XYZ	48.0311, 44.9885, 94.9248
YIQ	180.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

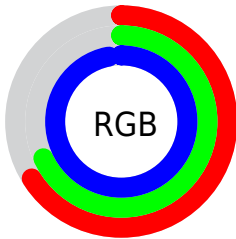
Format	Color
RYB	168, 173, 248
Decimal	11054584
CIELab	72.88, 15.14, -37.81
CIELCh	73, 40.728, 291.816
Yxy	44.9885, 0.2556, 0.2394
Android (android.graphics.Color)	4289244664 (0xFFA8ADF8)
YUV	180.0550, 33.4969, -10.5722
Hunter-Lab	67.0735, 10.4446, -36.9579

Details

The YIQ color $180.0550, -27.0550, 22.2650$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $235.9450, 27.0550, -22.2650$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.1810, -10.4550, 7.7610$, and $126.5880, -27.2380, 20.0740$ is the 20% darker color. If you saturate the color by 10%, you get $159.0790, -35.6300, 28.9940$, and if you desaturate by 10%, it is $201.0310, -18.4800, 15.5360$.

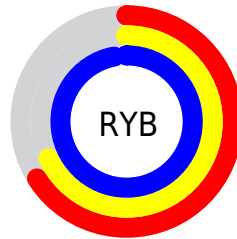
Distribution



Red (66%)

Green (68%)

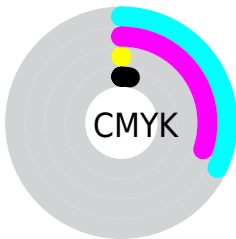
Blue (97%)



Red (66%)

Yellow (68%)

Blue (97%)

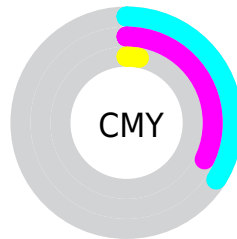


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (34%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0550, -27.0550, 22.2650 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 180.0550, -27.0550, 22.2650 by changing the saturation by 10% instead.

■ 180.0550,
-27.0550, 22.2650

■ 180.0550,
-27.0550, 22.2650

■ 255.0000, -0.0000,
-0.0000

■ 152.5280,
-27.0090, 21.4310

■ 230.1810,
-10.4550, 7.7610

■ 126.5880,
-27.2380, 20.0740

■ 254.7010, -0.5960,
-0.2120

■ 101.0610,
-27.1920, 19.2400

■ 76.4090, -28.2920,
17.1480

■ 51.6860, -30.6300,
15.4660

■ 27.5280, -36.1770,
11.3670

■ 10.1170, -21.5980,

16.9780

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 180.0550,
-27.0550, 22.2650

■ 180.0550,
-27.0550, 22.2650

■ 159.0790,
-35.6300, 28.9940

■ 201.0310,
-18.4800, 15.5360

■ 138.1030,
-44.2050, 35.7230

■ 222.5940,
-10.1800, 8.2840

■ 116.8390,
-51.9090, 43.1870

■ 243.2710, -2.2010,
1.3430

■ 95.8630, -60.4840,
49.9160

■ 254.2020, 2.2470,
-2.1770

■ 74.8870, -69.0590,
56.6450

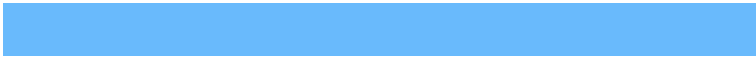
■ 53.9110, -77.6340,
63.3740

■ 37.0770, -83.7330,
69.2830

Harmonies

Analogous

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



169.3050, -69.4620, 3.3540



180.0550, -27.0550, 22.2650



183.5670, 12.7860, 32.6100

Triad

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



180.0550, -27.0550, 22.2650



179.2890, 59.2820, 4.9300



159.7820, -59.1850, -34.2330

Complementary

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



180.0550, -27.0550, 22.2650



235.9450, 27.0550, -22.2650

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.



168.2800, -16.7290, -32.7370



180.0550, -27.0550, 22.2650



176.9090, 45.0720, -12.8800

Square

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



180.0550, -27.0550, 22.2650



181.1280, 58.9580, 21.8220



173.5310, 19.3530, -25.8550



139.5960, -120.2550, -39.7990

Rectangle

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



180.0550, -27.0550, 22.2650



183.8160, 34.0140, 33.3580



173.5310, 19.3530, -25.8550



163.0950, -44.0090, -33.9370

Sweetspot

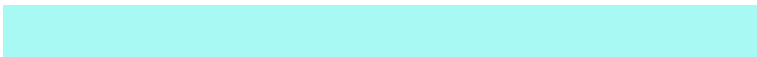
The Sweet Spot groups the original color and five complimentary colors.



180.0550, -27.0550, 22.2650



233.4370, -8.3000, 7.2520



223.5100, -46.0750, -18.5150



114.4110, -5.4110, 4.4530



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.



180.0550, -27.0550, 22.2650



170.8080, -33.4290, 27.6510



187.5850, -4.8200, 32.3000



114.0690, -4.4480, 3.5200



28.5900, -63.9690, 52.5030



9.3020, -20.6810, 16.8790

Inverse Universe

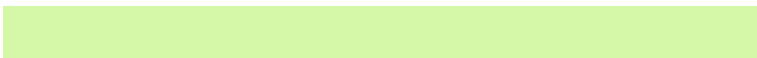
The Inverse Universe completely reimagines the original color for something new.



192.4900, 46.0750, 18.5150



186.2850, 57.0780, 22.8540



228.4150, 4.8200, -32.3000



116.0010, 7.4270, 3.0670



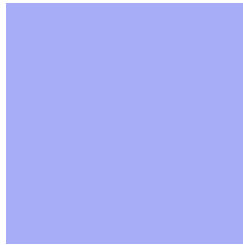
57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 180.0550, -27.0550, 22.2650 looks on a white background.

Color Contrast Check

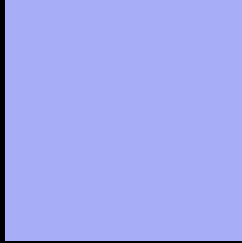
Large Text (above 18pt) WCAG AA × Fail

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 180.0550, -27.0550, 22.2650 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 180.0550, -27.0550, 22.2650

Background



This preview shows how black text looks on a background with the YIQ color 180.0550, -27.0550, 22.2650.



This preview shows how white text looks on a background with the YIQ color 180.0550, -27.0550,

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

180.0550, -27.0550, 22.2650

Protanopia

178.4560, -35.6740, 18.7740

Deuteranopia

178.1140, -34.7110, 17.8410



Tritanopia

176.8220, -19.9900, -1.1580

Trichromacy



Original Color

180.0550, -27.0550, 22.2650

Protanomaly

178.9510, -32.6940, 19.8340

Deuteranomaly

178.7230, -32.0520, 19.2120

Tritanomaly

177.8360, -22.6050, 7.6910

Monochromacy



Original Color

180.0550, -27.0550, 22.2650

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8930, -9.5840, 8.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0550, -27.0550, 22.2650 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(168, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 248)  
}
```

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(168, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 248) }
```

Border

The CSS property to change the border of an element to YIQ 180.0550, -27.0550, 22.2650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

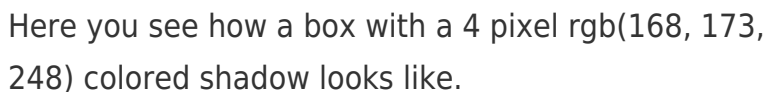
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 173, 248) }
```


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

```
.border{ border-color:rgb(168, 173, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 173, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 173, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 173, 248); box-shadow:4px 4px 4px 4px rgb(168, 173, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0550, -27.0550, 22.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 248) }
```

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

```
.background{ background-color: rgb(168,  
173, 248) }
```

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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