

Converting Colors

YIQ(196.1270, -27.5580,
14.8580)

Have a look what the booklet for
YIQ(196.1270, -27.5580, 14.8580)
contains.

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Color

**YIQ(196.1270, -27.5580,
14.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C2FC
RGB	179, 194, 252
RGB Percent	70%, 76%, 99%
CMY	0.2980, 0.2392, 0.0119
CMYK	0.29, 0.23, 0.00, 0.01
HSL	228°, 92%, 85%
HSV	228°, 29%, 99%
XYZ	55.4481, 55.1959, 99.7942
YIQ	196.1270, -27.5580, 14.8580

Conversions

Conversions Part 2

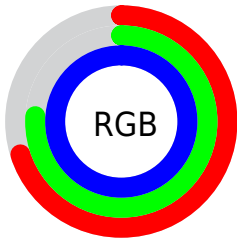
Format	Color
R_{YB}	179, 191, 252
Decimal	11780860
CIE _{Lab}	79.15, 7.64, -30.21
CIE _{LCh}	79, 31.165, 284.188
Yxy	55.1959, 0.2635, 0.2623
Android (android.graphics.Color)	4289970940 (0xFFB3C2FC)
YUV	196.1270, 27.5454, -15.0204
Hunter-Lab	74.2940, 3.2061, -27.6346

Details

The YIQ color $196.1270, -27.5580, 14.8580$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.8730, 27.5580, -14.8580$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.3840, -9.9490, -1.4130$, and $142.3720, -26.8700, 13.4020$ is the 20% darker color. If you saturate the color by 10%, you get $176.9120, -36.9580, 20.0180$, and if you desaturate by 10%, it is $215.3420, -18.1580, 9.6980$.

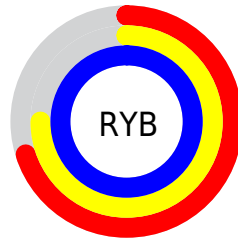
Distribution



Red (70%)

Green (76%)

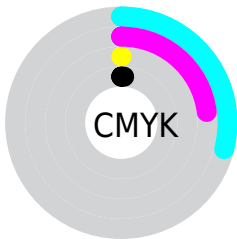
Blue (99%)



Red (70%)

Yellow (75%)

Blue (99%)

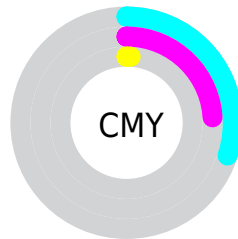


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.1270, -27.5580, 14.8580 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 196.1270, -27.5580, 14.8580 by changing the saturation by 10% instead.

■ 196.1270,
-27.5580, 14.8580

■ 196.1270,
-27.5580, 14.8580

■ 255.0000, -0.0000,
-0.0000

■ 168.6000,
-27.5120, 14.0240

■ 246.3840, -9.9490,
-1.4130

■ 142.3720,
-26.8700, 13.4020

■ 115.9590,
-27.1450, 12.8790

■ 91.0190, -27.3740,
11.5220

■ 66.1930, -27.9240,
10.4760

■ 41.8720, -31.4540,
8.3700

■ 22.3130, -28.3820,

7.7620

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 196.1270,
-27.5580, 14.8580

■ 196.1270,
-27.5580, 14.8580

■ 176.9120,
-36.9580, 20.0180

■ 215.3420,
-18.1580, 9.6980

■ 157.6970,
-46.3580, 25.1780

■ 234.5570, -8.7580,
4.5380

■ 138.1830,
-56.3540, 30.1260

■ 254.0710, 1.2380,
-0.4100

■ 118.9680,
-65.7540, 35.2860

■ 254.6580, 0.9630,
-0.9330

■ 99.7530, -75.1540,
40.4460

■ 80.5380, -84.5540,
45.6060

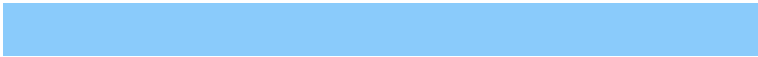
■ 61.3230, -93.9540,
50.7660

■ 59.2520, -95.1920,
51.1760

Harmonies

Analogous

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



189.0370, -54.1480, 1.1480



196.1270, -27.5580, 14.8580



200.0230, 2.3340, 23.7900

Triad

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



196.1270, -27.5580, 14.8580



198.0090, 48.5070, 7.4750



185.2260, -33.8320, -25.6400

Complementary

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



196.1270, -27.5580, 14.8580



234.8730, 27.5580, -14.8580

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.



189.3080, -4.7640, -23.8040



196.1270, -27.5580, 14.8580



196.0860, 40.4400, -6.0240

Square

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



196.1270, -27.5580, 14.8580



199.8320, 45.1120, 19.4480



193.3560, 21.6440, -17.8120



181.4590, -59.2330, -22.3450

Rectangle

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



196.1270, -27.5580, 14.8580



200.6570, 21.0400, 26.1920



193.3560, 21.6440, -17.8120



186.9020, -24.1120, -25.5840

Sweetspot

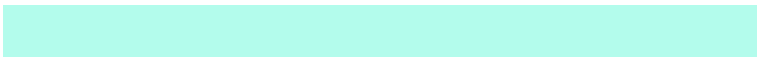
The Sweet Spot groups the original color and five complimentary colors.



196.1270, -27.5580, 14.8580



237.5570, -8.7580, 4.5380



228.3490, -38.3720, -20.4520



116.4710, -5.6400, 3.0960



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.



196.1270, -27.5580, 14.8580



186.7120, -33.5190, 18.2650



193.6010, -10.9170, 27.1550



115.2430, -4.9980, 2.4740



44.4390, -71.3940, 38.3820



14.5850, -23.1560, 12.1720

Inverse Universe

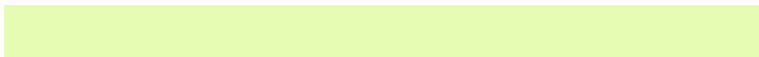
The Inverse Universe completely reimagines the original color for something new.



202.5370, 38.6930, 20.1410



194.6630, 47.2660, 24.4660



237.3990, 10.9170, -27.1550



116.2290, 6.7850, 3.6890



60.9570, 100.1250, 52.1970



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 196.1270, -27.5580, 14.8580 looks on a white background.

Color Contrast Check

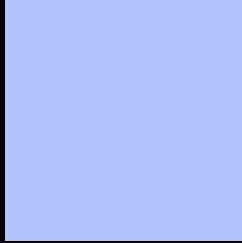
Large Text (above 18pt) WCAG AA × Fail

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 196.1270, -27.5580, 14.8580 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 196.1270, -27.5580, 14.8580

Background



This preview shows how black text looks on a background with the YIQ color 196.1270, -27.5580, 14.8580.



This preview shows how white text looks on a background with the YIQ color 196.1270, -27.5580, 14.8580.

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

196.1270, -27.5580, 14.8580

Protanopia

196.7250, -26.3660, 15.2820

Deuteranopia

196.7470, -23.4320, 17.1760



Tritanopia

193.4520, -21.8240, -0.9600

Trichromacy



Original Color

196.1270, -27.5580, 14.8580

Protanomaly

196.4260, -26.9620, 15.0700

Deuteranomaly

196.7360, -24.8990, 16.2290

Tritanomaly

194.6570, -23.6590, 4.7650

Monochromacy



Original Color

196.1270, -27.5580, 14.8580

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8990, -9.7210, 5.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1270, -27.5580, 14.8580 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(179, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 252)  
}
```

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(179, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 252) }
```

Border

The CSS property to change the border of an element to YIQ 196.1270, -27.5580, 14.8580 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(179, 194, 252) }
```


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

```
.border{ border-color:rgb(179, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1270, -27.5580, 14.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 252) }
```

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

```
.background{ background-color: rgb(179,  
194, 252) }
```

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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