

Converting Colors

YIQ(178.6470, -26.8670,
-3.1790)

Have a look what the booklet for
YIQ(178.6470, -26.8670, -3.1790)
contains.

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Color

**YIQ(178.6470, -26.8670,
-3.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	97BCCB
RGB	151, 188, 203
RGB Percent	59%, 74%, 80%
CMY	0.4079, 0.2627, 0.2040
CMYK	0.26, 0.07, 0.00, 0.20
HSL	197°, 33%, 69%
HSV	197°, 26%, 80%
XYZ	41.5212, 46.8609, 63.3377
YIQ	178.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

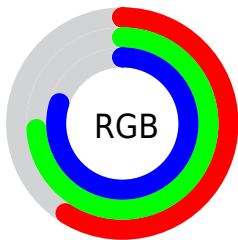
Format	Color
RYB	151, 173, 203
Decimal	9944267
CIELab	74.10, -8.98, -11.61
CIElCh	74, 14.676, 232.276
Yxy	46.8609, 0.2737, 0.3089
Android (android.graphics.Color)	4288134347 (0xFF97BCCB)
YUV	178.6470, 12.0060, -24.2464
Hunter-Lab	68.4550, -11.5274, -6.9394

Details

The YIQ color $178.6470, -26.8670, -3.1790$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.3530, 26.8670, 3.1790$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.8920, -26.1790, -4.6350$, and $125.8320, -25.9500, -3.2780$ is the 20% darker color. If you saturate the color by 10%, you get $169.1450, -37.1370, -4.2810$, and if you desaturate by 10%, it is $188.1490, -16.5970, -2.0770$.

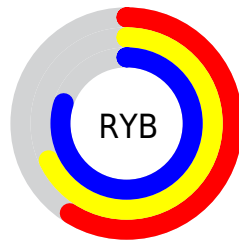
Distribution



Red (59%)

Green (74%)

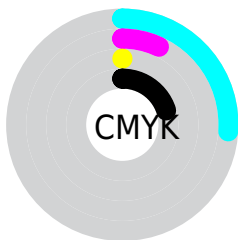
Blue (80%)



Red (59%)

Yellow (68%)

Blue (80%)

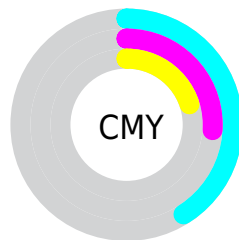


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6470, -26.8670, -3.1790 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 178.6470, -26.8670, -3.1790 by changing the saturation by 10% instead.

■ 178.6470,
-26.8670, -3.1790

■ 178.6470,
-26.8670, -3.1790

■ 255.0000, -0.0000,
-0.0000

■ 151.6470,
-26.8670, -3.1790

■ 233.8920,
-26.1790, -4.6350

■ 125.8320,
-25.9500, -3.2780

■ 249.0200,
-11.9200, -4.2400

■ 100.1310,
-25.3540, -3.0660

■ 75.7180, -25.6290,
-3.5890

■ 52.0060, -26.5000,
-4.3240

■ 29.4080, -27.6920,
-4.7480

■ 15.2740, -15.4510,

-0.8190

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 178.6470,
-26.8670, -3.1790

■ 178.6470,
-26.8670, -3.1790

■ 169.1450,
-37.1370, -4.2810

■ 188.1490,
-16.5970, -2.0770

■ 159.3440,
-48.0030, -5.5950

■ 197.9500, -5.7310,
-0.7630

■ 150.4290,
-58.5480, -7.2200

■ 207.4520, 4.5390,
0.3390

■ 140.9270,
-68.8180, -8.3220

■ 216.3670, 15.0840,
1.9640

■ 131.1260,
-79.6840, -9.6360

■ 225.8690, 25.3540,
3.0660

■ 121.6240,
-89.9540, -10.7380

■ 230.2880, 25.4920,
0.5640

■ 112.1220,
-100.2240, -11.8400

■ 233.8100, 23.8420,
-2.5740

■ 108.2570,
-105.0380, -12.7020

■ 237.3320, 22.1920,
-5.7120

■ 240.8540, 20.5420,
-8.8500

Harmonies

Analogous

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



177.6700, -25.6740, -8.2820



178.6470, -26.8670, -3.1790



180.5710, -20.5410, 3.3230

Triad

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



178.6470, -26.8670, -3.1790



184.6480, 16.0910, 11.2510



180.3240, 7.4750, -8.8210

Complementary

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



178.6470, -26.8670, -3.1790



175.3530, 26.8670, 3.1790

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.



182.3470, 17.8360, -3.8600



178.6470, -26.8670, -3.1790



184.3620, 22.6480, 8.0560

Square

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



178.6470, -26.8670, -3.1790



184.9010, 5.1330, 11.6050



183.5590, 23.2910, 1.9070



179.0990, -5.1330, -11.6050

Rectangle

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



178.6470, -26.8670, -3.1790



182.2840, -12.2430, 7.1250



183.5590, 23.2910, 1.9070



181.1180, 11.0510, -7.5490

Sweetspot

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



178.6470, -26.8670, -3.1790



245.4980, -10.2700, -1.1020



183.2340, -19.1150, -22.5310



121.7650, -6.6480, -0.6640



0.0000, 0.0000, 0.0000



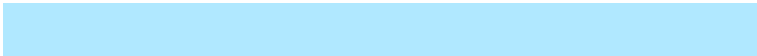
128.0000, -0.0000, -0.0000

Same Dimension

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



178.6470, -26.8670, -3.1790



217.8780, -40.7590, -4.7190



163.3850, -19.7170, 10.4190



97.2490, -5.1350, -0.5510



88.1900, -85.7360, -10.0880



20.1810, -19.6230, -2.3030

Inverse Universe

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



170.7660, 19.1150, 22.5310



206.0050, 29.1080, 34.1640



190.6150, 19.7170, -10.4190



95.7880, 3.7130, 4.2970



63.0860, 61.0580, 71.8900



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 178.6470, -26.8670, -3.1790 looks on a white background.

Color Contrast Check

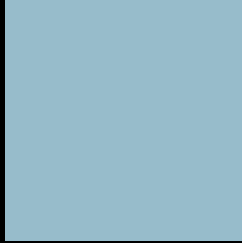
Large Text (above 18pt) WCAG AA × Fail

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 178.6470, -26.8670, -3.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

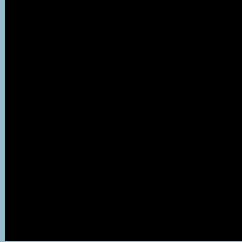
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.6470, -26.8670, -3.1790

Background



This preview shows how black text looks on a background with the YIQ color 178.6470, -26.8670, -3.1790.



This preview shows how white text looks on a background with the YIQ color 178.6470, -26.8670, -3.1790.

-3.1790.

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

178.6470, -26.8670, -3.1790

Protanopia

182.0520, -5.7780, 5.5980

Deuteranopia

183.4810, -2.4320, 11.0400



Tritanopia

178.6470, -26.8670, -3.1790

Trichromacy



Original Color

178.6470, -26.8670, -3.1790

Protanomaly

180.7520, -13.8010, 2.3190

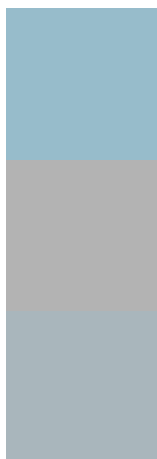
Deuteranomaly

181.8280, -10.9590, 5.8810

Tritanomaly

178.6470, -26.8670, -3.1790

Monochromacy



Original Color

178.6470, -26.8670, -3.1790

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7970, -9.6740, -0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6470, -26.8670, -3.1790 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(151, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 203)  
}
```

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(151, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 203) }
```

Border

The CSS property to change the border of an element to YIQ 178.6470, -26.8670, -3.1790 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(151, 188, 203) }
```


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

```
.border{ border-color:rgb(151, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 188, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 188, 203); box-shadow:4px 4px 4px 4px rgb(151, 188, 203) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6470, -26.8670, -3.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 203) }
```

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

```
.background{ background-color: rgb(151,  
188, 203) }
```

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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