

Converting Colors

YIQ(180.7780, -25.8580,
-4.9460)

Have a look what the booklet for
YIQ(180.7780, -25.8580, -4.9460)
contains.

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Color

**YIQ(180.7780, -25.8580,
-4.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	99BFC9
RGB	153, 191, 201
RGB Percent	60%, 75%, 79%
CMY	0.4001, 0.2509, 0.2119
CMYK	0.24, 0.05, 0.00, 0.21
HSL	192°, 31%, 69%
HSV	192°, 24%, 79%
XYZ	42.3064, 48.2545, 62.3253
YIQ	180.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

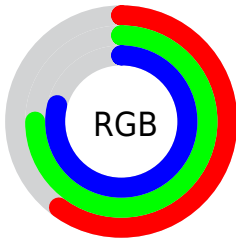
Format	Color
R_{YB}	153, 174, 201
Decimal	10076105
CIE _{Lab}	74.99, -10.42, -9.19
CIE _{LCh}	75, 13.890, 221.419
Yxy	48.2545, 0.2767, 0.3156
Android (android.graphics.Color)	4288266185 (0xFF99BFC9)
YUV	180.7780, 9.9694, -24.3613
Hunter-Lab	69.4655, -12.8531, -4.5699

Details

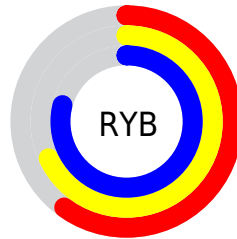
The YIQ color $180.7780, -25.8580, -4.9460$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $173.2220, 25.8580, 4.9460$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2510, -25.8120, -5.7800$, and $127.9630, -24.9410, -5.0450$ is the 20% darker color. If you saturate the color by 10%, you get $172.4500, -36.6780, -7.0940$, and if you desaturate by 10%, it is $189.1060, -15.0380, -2.7980$.

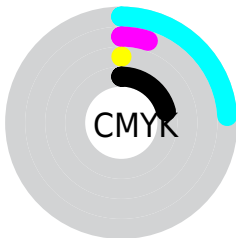
Distribution



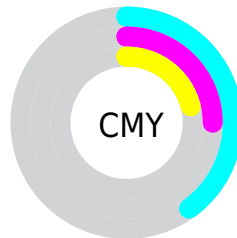
- Red (60%)
- Green (75%)
- Blue (79%)



- Red (60%)
- Yellow (68%)
- Blue (79%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7780, -25.8580, -4.9460 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 180.7780, -25.8580, -4.9460 by changing the saturation by 10% instead.

■ 180.7780,
-25.8580, -4.9460

■ 180.7780,
-25.8580, -4.9460

■ 255.0000, -0.0000,
-0.0000

■ 153.7780,
-25.8580, -4.9460

■ 236.2510,
-25.8120, -5.7800

■ 127.9630,
-24.9410, -5.0450

■ 249.6180,
-10.7280, -3.8160

■ 102.2620,
-24.3450, -4.8330

■ 77.8490, -24.6200,
-5.3560

■ 53.9630, -24.9410,
-5.0450

■ 30.3540, -27.6000,
-6.4160

■ 16.2200, -15.3590,

-2.4870

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 180.7780,
-25.8580, -4.9460

■ 180.7780,
-25.8580, -4.9460

■ 172.4500,
-36.6780, -7.0940

■ 189.1060,
-15.0380, -2.7980

■ 164.1220,
-47.4980, -9.2420

■ 197.4340, -4.2180,
-0.6500

■ 155.7940,
-58.3180, -11.3900

■ 206.3490, 6.3270,
0.9750

■ 146.8790,
-68.8630, -13.0150

■ 214.6770, 17.1470,
3.1230

■ 138.2520,
-80.2790, -15.3750

■ 223.0050, 27.9670,
5.2710

■ 129.9240,
-91.0990, -17.5230

■ 225.9510, 28.0590,
3.6030

■ 121.5960,
-101.9190, -19.6710

■ 228.2990, 26.9590,
1.5110

■ 116.2470,
-108.2460, -20.6460

■ 230.6470, 25.8590,
-0.5810

■ 233.5820, 24.4840,
-3.1960

Harmonies

Analogous

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



179.9970, -22.2810, -9.2010



180.7780, -25.8580, -4.9460



182.5060, -21.9160, 0.7080

Triad

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



180.7780, -25.8580, -4.9460



187.4950, 12.1480, 11.1240



183.6450, 11.0050, -6.7150

Complementary

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



180.7780, -25.8580, -4.9460



173.2220, 25.8580, 4.9460

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.



185.2980, 19.5320, -1.5560



180.7780, -25.8580, -4.9460



187.2200, 20.1720, 8.8760

Square

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



180.7780, -25.8580, -4.9460



186.6230, 0.0440, 10.2200



186.4280, 22.2820, 3.6740



182.0780, -0.6400, -10.4320

Rectangle

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



180.7780, -25.8580, -4.9460



183.9630, -15.7730, 5.0190



186.4280, 22.2820, 3.6740



184.1400, 13.9850, -5.6550

Sweetspot

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



180.7780, -25.8580, -4.9460



247.2700, -9.6280, -1.7240



182.3160, -16.4100, -21.9940



122.9500, -5.7310, -0.7630



0.0000, 0.0000, 0.0000



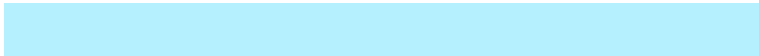
128.0000, -0.0000, -0.0000

Same Dimension

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



180.7780, -25.8580, -4.9460



224.0690, -39.9790, -7.8430



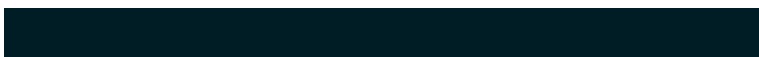
166.6900, -19.2580, 7.6060



95.1350, -4.8140, -0.8620



94.3050, -87.7980, -16.7740



20.5400, -19.2560, -3.4480

Inverse Universe

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



171.6840, 16.4100, 21.9940



209.8520, 25.1650, 34.0370



187.3100, 19.2580, -7.6060



93.4890, 3.1170, 4.0850



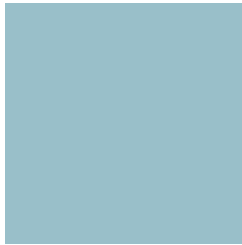
63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 180.7780, -25.8580, -4.9460 looks on a white background.

Color Contrast Check

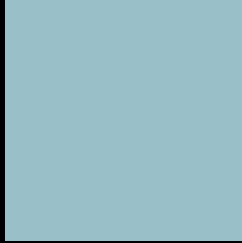
Large Text (above 18pt) WCAG AA × Fail

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 180.7780, -25.8580, -4.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

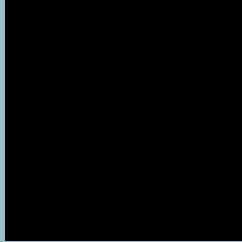
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7780, -25.8580, -4.9460

Background



This preview shows how black text looks on a background with the YIQ color 180.7780, -25.8580, -4.9460.



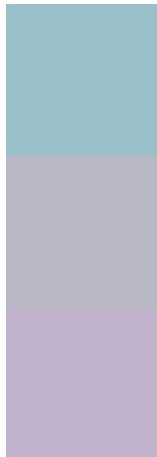
This preview shows how white text looks on a background with the YIQ color 180.7780, -25.8580, -4.9460.

-4.9460.

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

180.7780, -25.8580, -4.9460

Protanopia

184.7810, -3.5770, 4.2550

Deuteranopia

185.9220, 0.6400, 10.4320



Tritanopia

181.0600, -26.5920, -2.6560

Trichromacy



Original Color

180.7780, -25.8580, -4.9460

Protanomaly

183.4810, -11.6000, 0.9760

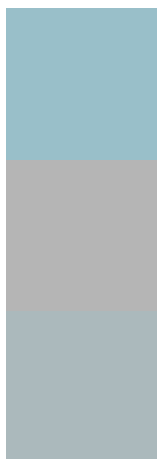
Deuteranomaly

183.6710, -9.0790, 4.8490

Tritanomaly

180.8320, -25.9500, -3.2780

Monochromacy



Original Color

180.7780, -25.8580, -4.9460

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.1560, -9.3070, -2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7780, -25.8580, -4.9460 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(153, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(153, 191, 201)  
}
```

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(153, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 191, 201) }
```

Border

The CSS property to change the border of an element to YIQ 180.7780, -25.8580, -4.9460 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(153, 191, 201) }
```


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

```
.border{ border-color:rgb(153, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(153, 191,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7780, -25.8580, -4.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 191, 201) }
```

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

```
.background{ background-color: rgb(153,  
191, 201) }
```

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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