

Converting Colors

YIQ(184.3760, -24.6660,
-4.5220)

Have a look what the booklet for
YIQ(184.3760, -24.6660, -4.5220)
contains.

YIQ(184.3760, -24.6660, -4.5220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(184.3760, -24.6660,
-4.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC2CC
RGB	158, 194, 204
RGB Percent	62%, 76%, 80%
CMY	0.3805, 0.2391, 0.2001
CMYK	0.23, 0.05, 0.00, 0.20
HSL	193°, 31%, 71%
HSV	193°, 23%, 80%
XYZ	44.2876, 50.2157, 64.4682
YIQ	184.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

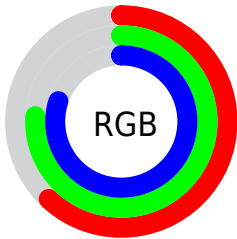
Format	Color
RYB	158, 178, 204
Decimal	10404556
CIELab	76.20, -9.79, -8.97
CIELCh	76, 13.280, 222.510
Yxy	50.2157, 0.2786, 0.3159
Android (android.graphics.Color)	4288594636 (0xFF9EC2CC)
YUV	184.3760, 9.6746, -23.1318
Hunter-Lab	70.8630, -12.4524, -4.3354

Details

The YIQ color $184.3760, -24.6660, -4.5220$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $177.6240, 24.6660, 4.5220$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $240.0940, -23.9320, -6.8120$, and $130.9740, -23.4740, -4.0980$ is the 20% darker color. If you saturate the color by 10%, you get $176.0480, -35.4860, -6.6700$, and if you desaturate by 10%, it is $192.7040, -13.8460, -2.3740$.

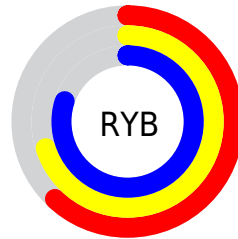
Distribution



Red (62%)

Green (76%)

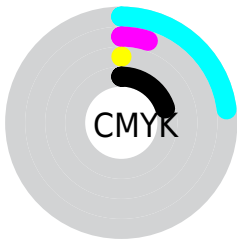
Blue (80%)



Red (62%)

Yellow (70%)

Blue (80%)

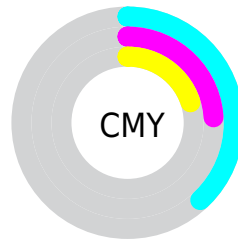


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.3760, -24.6660, -4.5220 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 184.3760, -24.6660, -4.5220 by changing the saturation by 10% instead.

■ 184.3760,
-24.6660, -4.5220

■ 184.3760,
-24.6660, -4.5220

■ 255.0000, -0.0000,
-0.0000

■ 157.3760,
-24.6660, -4.5220

■ 240.0940,
-23.9320, -6.8120

■ 130.9740,
-23.4740, -4.0980

■ 251.1130, -7.7480,
-2.7560

■ 105.5610,
-23.7490, -4.6210

■ 80.8600, -23.1530,
-4.4090

■ 57.4470, -23.4280,
-4.9320

■ 34.2510, -25.8120,
-5.7800

■ 18.2090, -16.8260,

-3.4340

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 184.3760,
-24.6660, -4.5220

■ 184.3760,
-24.6660, -4.5220

■ 176.0480,
-35.4860, -6.6700

■ 192.7040,
-13.8460, -2.3740

■ 166.8340,
-46.6270, -8.5070

■ 201.9180, -2.7050,
-0.5370

■ 158.5060,
-57.4470, -10.6550

■ 210.2460, 8.1150,
1.6110

■ 149.2920,
-68.5880, -12.4920

■ 219.4600, 19.2560,
3.4480

■ 140.9640,
-79.4080, -14.6400

■ 226.2930, 27.0960,
4.5360

■ 132.6360,
-90.2280, -16.7880

■ 229.2280, 25.7210,
1.9210

■ 123.4220,
-101.3690, -18.6250

■ 231.5760, 24.6210,
-0.1710

■ 117.1760,
-109.4840, -20.2360

■ 233.9240, 23.5210,
-2.2630

■ 236.8590, 22.1460,
-4.8780

Harmonies

Analogous

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



183.7090, -21.4100, -8.4660



184.3760, -24.6660, -4.5220



186.1040, -20.7240, 1.1320

Triad

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



184.3760, -24.6660, -4.5220



190.1960, 11.5520, 10.9120



187.3460, 10.4090, -6.9270

Complementary

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



184.3760, -24.6660, -4.5220



177.6240, 24.6660, 4.5220

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.



188.7000, 18.3400, -1.9800



184.3760, -24.6660, -4.5220



190.5080, 19.3010, 8.1410

Square

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



184.3760, -24.6660, -4.5220



189.8080, 0.9610, 10.1210



189.5420, 21.9610, 3.9850



185.3060, -1.2820, -9.8100

Rectangle

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



184.3760, -24.6660, -4.5220



187.7350, -15.1310, 4.3970



189.5420, 21.9610, 3.9850



187.3680, 13.3430, -5.0330

Sweetspot

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



184.3760, -24.6660, -4.5220



247.2700, -9.6280, -1.7240



186.0280, -15.5390, -21.2590



122.9500, -5.7310, -0.7630



0.0000, 0.0000, 0.0000



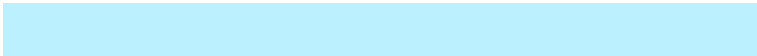
128.0000, -0.0000, -0.0000

Same Dimension

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



184.3760, -24.6660, -4.5220



225.5640, -36.9990, -6.7830



171.4620, -18.6160, 6.9840



97.8360, -5.4100, -1.0740



95.2340, -89.0360, -16.3640



21.9420, -20.4480, -3.8720

Inverse Universe

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



175.8580, 15.8600, 20.9480



212.7870, 23.7900, 31.4220



190.5380, 18.6160, -6.9840



95.9020, 3.3920, 4.6080



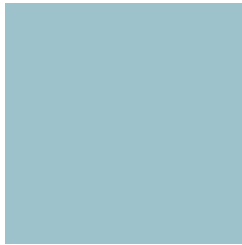
64.4540, 57.2060, 75.6220



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 184.3760, -24.6660, -4.5220 looks on a white background.

Color Contrast Check

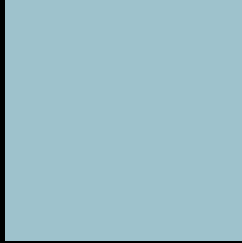
Large Text (above 18pt) WCAG AA × Fail

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 184.3760, -24.6660, -4.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

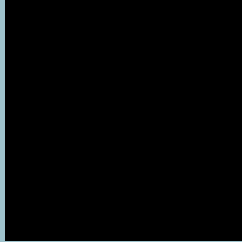
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.3760, -24.6660, -4.5220

Background



This preview shows how black text looks on a background with the YIQ color 184.3760, -24.6660, -4.5220.



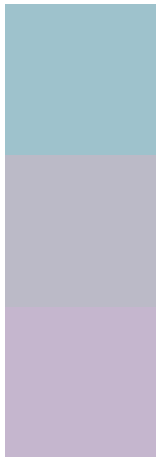
This preview shows how white text looks on a background with the YIQ color 184.3760, -24.6660, -4.5220.

-4.5220.

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

184.3760, -24.6660, -4.5220

Protanopia

187.7810, -3.5770, 4.2550

Deuteranopia

189.2210, 1.2360, 10.6440



Tritanopia

184.6580, -25.4000, -2.2320

Trichromacy



Original Color

184.3760, -24.6660, -4.5220

Protanomaly

186.4810, -11.6000, 0.9760

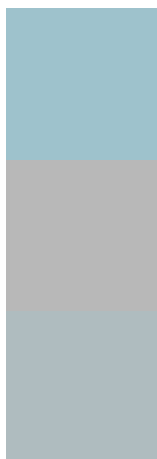
Deuteranomaly

187.2690, -7.8870, 5.2730

Tritanomaly

184.4300, -24.7580, -2.8540

Monochromacy



Original Color

184.3760, -24.6660, -4.5220

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.4550, -8.7110, -1.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.3760, -24.6660, -4.5220 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(158, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(158, 194, 204)  
}
```

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(158, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 194, 204) }
```

Border

The CSS property to change the border of an element to YIQ 184.3760, -24.6660, -4.5220 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(158, 194, 204) }
```


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

```
.border{ border-color:rgb(158, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(158, 194,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 184.3760, -24.6660, -4.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 194, 204) }
```

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

```
.background{ background-color: rgb(158,  
194, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor