

Converting Colors

YIQ(180.2370, -40.3920,
-5.8640)

Have a look what the booklet for
YIQ(180.2370, -40.3920, -5.8640)
contains.

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Color

**YIQ(180.2370, -40.3920,
-5.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC3D7
RGB	138, 195, 215
RGB Percent	54%, 76%, 84%
CMY	0.4589, 0.2352, 0.1570
CMYK	0.36, 0.09, 0.00, 0.16
HSL	196°, 49%, 69%
HSV	196°, 36%, 84%
XYZ	42.2565, 49.3456, 71.5573
YIQ	180.2370, -40.3920, -5.8640

Conversions

Conversions Part 2

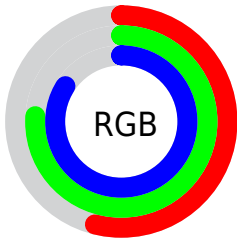
Format	Color
RYB	138, 171, 215
Decimal	9094103
CIELab	75.67, -13.50, -15.84
CIElCh	76, 20.812, 229.561
Yxy	49.3456, 0.2590, 0.3024
Android (android.graphics.Color)	4287284183 (0xFF8AC3D7)
YUV	180.2370, 17.1382, -37.0418
Hunter-Lab	70.2464, -15.5551, -11.2239

Details

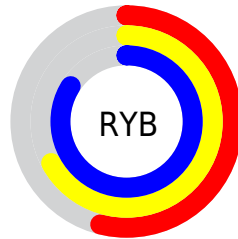
The YIQ color $180.2370, -40.3920, -5.8640$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $172.7630, 40.3920, 5.8640$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.0000, -35.5310, -11.3630$, and $126.1230, -40.0710, -6.1750$ is the 20% darker color. If you saturate the color by 10%, you get $170.1370, -51.8540, -7.3900$, and if you desaturate by 10%, it is $190.0380, -29.5260, -4.5500$.

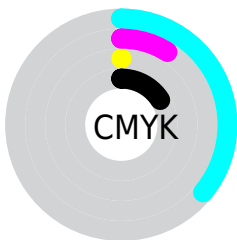
Distribution



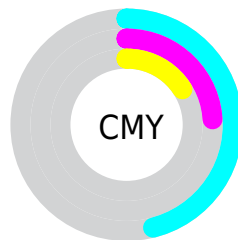
- Red (54%)
- Green (76%)
- Blue (84%)



- Red (54%)
- Yellow (67%)
- Blue (84%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.2370, -40.3920, -5.8640 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 180.2370, -40.3920, -5.8640 by changing the saturation by 10% instead.

■ 180.2370,
-40.3920, -5.8640

■ 180.2370,
-40.3920, -5.8640

■ 255.0000, -0.0000,
-0.0000

■ 153.1230,
-40.0710, -6.1750

■ 235.0000,
-35.5310, -11.3630

■ 126.1230,
-40.0710, -6.1750

■ 245.1330,
-19.6680, -6.9960

■ 100.4110,
-40.9420, -6.9100

■ 254.1030, -1.7880,
-0.6360

■ 74.2150, -43.3260,
-7.7580

■ 49.4920, -45.6640,
-9.4400

■ 33.3690, -31.9560,
-4.5640

■ 19.7080, -19.6690,

-1.4690

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 180.2370,
-40.3920, -5.8640

■ 180.2370,
-40.3920, -5.8640

■ 170.1370,
-51.8540, -7.3900

■ 190.0380,
-29.5260, -4.5500

■ 160.9230,
-62.9950, -9.2270

■ 199.5510,
-17.7890, -2.5010

■ 150.8230,
-74.4570, -10.7530

■ 209.3520, -6.9230,
-1.1870

■ 141.6090,
-85.5980, -12.5900

■ 218.8650, 4.8140,
0.8620

■ 131.5090,
-97.0600, -14.1160

■ 228.6660, 15.6800,
2.1760

■ 122.2950,
-108.2010, -15.9530

■ 234.5910, 20.2650,
1.6810

■ 117.8430,
-112.7400, -16.2920

■ 238.1130, 18.6150,
-1.4570

■ 241.6350, 16.9650,
-4.5950

■ 244.5700, 15.5900,
-7.2100

Harmonies

Analogous

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



178.6900, -37.5940, -12.5220



180.2370, -40.3920, -5.8640



183.7100, -31.1780, 3.3660

Triad

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



180.2370, -40.3920, -5.8640



190.3330, 21.5920, 16.1840



184.2550, 11.9230, -12.3410

Complementary

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



180.2370, -40.3920, -5.8640



172.7630, 40.3920, 5.8640

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.



186.5990, 25.8140, -5.2740



180.2370, -40.3920, -5.8640



189.2600, 31.8630, 11.7590

Square

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



180.2370, -40.3920, -5.8640



189.9490, 5.1780, 16.2980



188.2890, 32.9190, 3.6310



181.8660, -6.0950, -16.1990

Rectangle

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



180.2370, -40.3920, -5.8640



186.1460, -20.5420, 8.8500



188.2890, 32.9190, 3.6310



185.0600, 16.9660, -10.1220

Sweetspot

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



180.2370, -40.3920, -5.8640



242.5190, -14.7630, -2.2750



185.3650, -27.2740, -34.3620



119.9820, -8.7570, -0.9890



0.0000, 0.0000, 0.0000



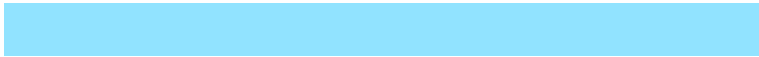
128.0000, -0.0000, -0.0000

Same Dimension

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



180.2370, -40.3920, -5.8640



205.6740, -57.8600, -8.6760



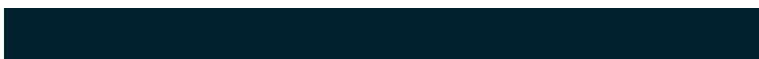
157.9310, -29.9420, 14.0100



101.9500, -5.7310, -0.7630



94.0430, -89.8160, -13.2400



23.6860, -22.6030, -3.3630

Inverse Universe

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



167.5210, 27.5950, 34.0510



187.2380, 39.2380, 48.8220



195.0690, 29.9420, -14.0100



100.2010, 3.9880, 4.8200



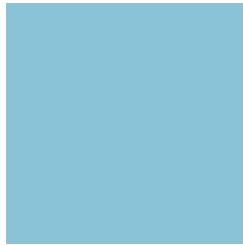
65.6070, 61.1490, 75.7490



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 180.2370, -40.3920, -5.8640 looks on a white background.

Color Contrast Check

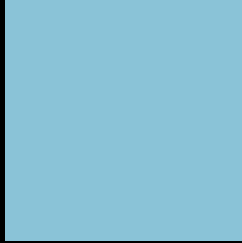
Large Text (above 18pt) WCAG AA × Fail

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 180.2370, -40.3920, -5.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

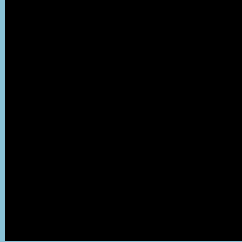
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.2370, -40.3920, -5.8640

Background



This preview shows how black text looks on a background with the YIQ color 180.2370, -40.3920, -5.8640.



This preview shows how white text looks on a background with the YIQ color 180.2370, -40.3920, -5.8640.

-5.8640.

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

180.2370, -40.3920, -5.8640

Protanopia

186.1380, -8.8960, 7.0400

Deuteranopia

187.3110, -7.7050, 12.9910



Tritanopia

180.0690, -39.9790, -7.8430

Trichromacy



Original Color

180.2370, -40.3920, -5.8640

Protanomaly

184.0440, -20.4950, 2.4890

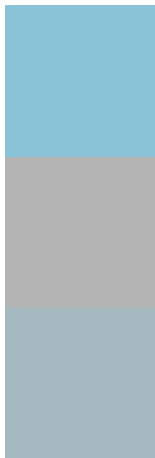
Deuteranomaly

184.7500, -19.4870, 6.2490

Tritanomaly

180.1830, -40.3000, -7.5320

Monochromacy



Original Color

180.2370, -40.3920, -5.8640

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9320, -14.4880, -1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2370, -40.3920, -5.8640 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(138, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 215)  
}
```

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(138, 195, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 215) }
```

Border

The CSS property to change the border of an element to YIQ 180.2370, -40.3920, -5.8640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

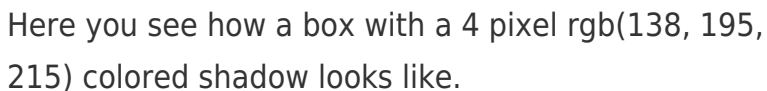
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 195, 215) }
```


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

```
.border{ border-color:rgb(138, 195, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 195, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 195, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 195, 215); box-shadow:4px 4px 4px 4px rgb(138, 195, 215) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2370, -40.3920, -5.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 195, 215) }
```

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

```
.background{ background-color: rgb(138,  
195, 215) }
```

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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