

Converting Colors

YIQ(153.3060, -54.0080,
-12.4080)

Have a look what the booklet for
YIQ(153.3060, -54.0080, -12.4080)
contains.

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Color

**YIQ(153.3060, -54.0080,
-12.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB0C0
RGB	94, 176, 192
RGB Percent	37%, 69%, 75%
CMY	0.6315, 0.3097, 0.2473
CMYK	0.51, 0.08, 0.00, 0.25
HSL	190°, 44%, 56%
HSV	190°, 51%, 75%
XYZ	29.6514, 37.2446, 55.4617
YIQ	153.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

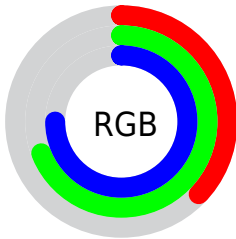
Format	Color
RYB	94, 139, 192
Decimal	6205632
CIELab	67.46, -20.63, -15.83
CIElCh	67, 26.005, 217.493
Yxy	37.2446, 0.2423, 0.3044
Android (android.graphics.Color)	4284395712 (0xFF5EB0C0)
YUV	153.3060, 19.0761, -52.0114
Hunter-Lab	61.0284, -20.0732, -11.1621

Details

The YIQ color **153.3060, -54.0080, -12.4080** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **132.6940, 54.0080, 12.4080**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.6050, -53.4120, -12.1960**, and **97.3160, -59.9680, -14.5280** is the 20% darker color. If you saturate the color by 10%, you get **145.8640, -64.5070, -14.8670**, and if you desaturate by 10%, it is **160.7480, -43.5090, -9.9490**.

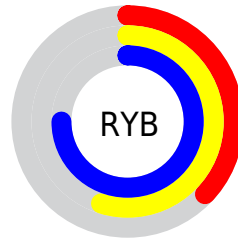
Distribution



Red (37%)

Green (69%)

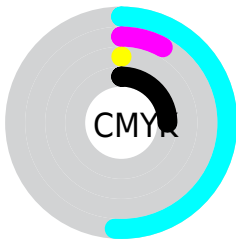
Blue (75%)



Red (37%)

Yellow (55%)

Blue (75%)

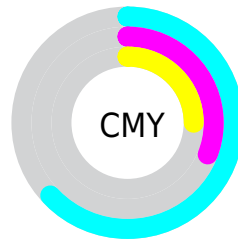


Cyan (51%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.3060, -54.0080, -12.4080 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 153.3060, -54.0080, -12.4080 by changing the saturation by 10% instead.

■ 153.3060,
-54.0080, -12.4080

■ 153.3060,
-54.0080, -12.4080

■ 255.0000, -0.0000,
-0.0000

■ 125.7080,
-55.2000, -12.8320

■ 209.6050,
-53.4120, -12.1960

■ 97.2020, -59.6470,
-14.8390

■ 232.2760,
-45.2960, -16.1120

■ 70.4080, -63.2230,
-16.1110

■ 240.9470,
-28.0120, -9.9640

■ 53.5840, -48.9190,
-11.0230

■ 249.9170,
-10.1320, -3.6040

■ 37.3470, -34.8900,
-6.4580

■ 23.0990, -22.3280,
-2.8400

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 153.3060,
-54.0080, -12.4080

■ 153.3060,
-54.0080, -12.4080

■ 145.8640,
-64.5070, -14.8670

■ 160.7480,
-43.5090, -9.9490

■ 138.4220,
-75.0060, -17.3260

■ 168.1900,
-33.0100, -7.4900

■ 130.6810,
-86.1010, -19.9970

■ 175.9310,
-21.9150, -4.8190

■ 123.2390,
-96.6000, -22.4560

■ 183.9600,
-11.6910, -2.8830

■ 116.3950,
-105.9070, -24.4910

■ 191.4020, -1.1920,
-0.4240

■ 198.8440, 9.3070,
2.0350

■ 206.2860, 19.8060,
4.4940

■ 214.0270, 30.9010,
7.1650

■ 217.8810, 34.2480,
7.0800

Harmonies

Analogous

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



153.1790, -43.6450, -18.5010



153.3060, -54.0080, -12.4080



158.0500, -46.9950, -1.8350

Triad

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



153.3060, -54.0080, -12.4080



168.4130, 18.6110, 20.6510



162.6320, 21.0470, -12.4970

Complementary

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



153.3060, -54.0080, -12.4080



132.6940, 54.0080, 12.4080

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.



164.9700, 35.0750, -2.4050



153.3060, -54.0080, -12.4080



167.5040, 34.2920, 17.3000

Square

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



153.3060, -54.0080, -12.4080



166.8110, -3.1210, 18.0230



166.1590, 39.3370, 8.4650



159.4060, 1.0120, -18.3480

Rectangle

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



153.3060, -54.0080, -12.4080



161.5510, -34.9840, 6.2640



166.1590, 39.3370, 8.4650



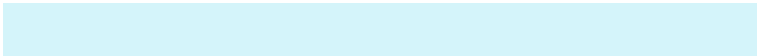
163.2630, 26.6400, -9.2320

Sweetspot

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



153.3060, -54.0080, -12.4080



235.1160, -20.9980, -4.9180



153.2360, -31.7650, -46.5890



115.7750, -12.6080, -2.7840



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



153.3060, -54.0080, -12.4080



189.5780, -84.3130, -19.3610



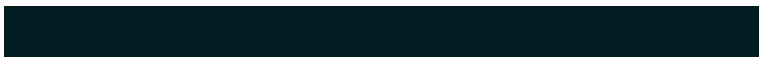
125.1300, -40.8080, 12.6960



92.8360, -5.4100, -1.0740



97.5990, -88.8060, -20.5340



20.1980, -18.2930, -4.3810

Inverse Universe

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



132.6500, 32.0860, 46.2780



157.3390, 50.1000, 72.2440



160.8700, 40.8080, -12.6960



90.9020, 3.3920, 4.6080



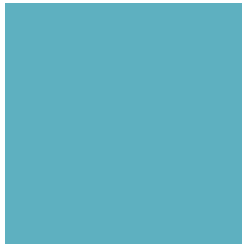
63.5290, 52.6210, 76.1170



13.0590, 10.6800, 15.7040

Previews

White Background



This preview shows how the YIQ color 153.3060, -54.0080, -12.4080 looks on a white background.

Color Contrast Check

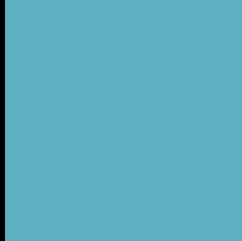
Large Text (above 18pt) WCAG AA × Fail

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 153.3060, -54.0080, -12.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

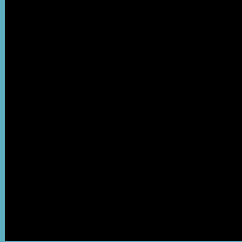
Any Text WCAG AA ✓ Pass

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 153.3060, -54.0080, -12.4080 Background



This preview shows how black text looks on a background with the YIQ color 153.3060, -54.0080, -12.4080.



This preview shows how white text looks on a background with the YIQ color 153.3060, -54.0080, -12.4080.

-12.4080.

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

153.3060, -54.0080, -12.4080

Protanopia

163.7960, -7.9330, 6.1070

Deuteranopia

164.8870, -9.4470, 11.5210



Tritanopia

152.8930, -54.2830, -12.9310

Trichromacy



Original Color

153.3060, -54.0080, -12.4080

Protanomaly

159.8970, -24.5750, -0.6630

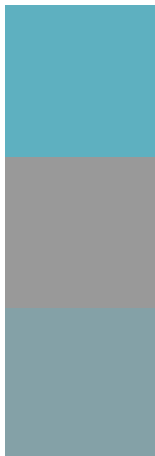
Deuteranomaly

160.8200, -25.6760, 2.7720

Tritanomaly

152.8930, -54.2830, -12.9310

Monochromacy



Original Color

153.3060, -54.0080, -12.4080

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0130, -19.2100, -4.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3060, -54.0080, -12.4080 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(94, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 192)  
}
```

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(94, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 192) }
```

Border

The CSS property to change the border of an element to YIQ 153.3060, -54.0080, -12.4080 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(94, 176, 192) }
```


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

```
.border{ border-color:rgb(94, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3060, -54.0080, -12.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 192) }
```

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

```
.background{ background-color: rgb(94, 176,  
192) }
```

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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