

Converting Colors

YIQ(153.0120, -43.8320, 1.4160)

Have a look what the booklet for
YIQ(153.0120, -43.8320, 1.4160)
contains.

YIQ(153.0120, -43.8320, 1.4160) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**YIQ(153.0120, -43.8320,
1.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	70A4CC
RGB	112, 164, 204
RGB Percent	44%, 64%, 80%
CMY	0.5609, 0.3568, 0.2002
CMYK	0.45, 0.20, 0.00, 0.20
HSL	206°, 47%, 62%
HSV	206°, 45%, 80%
XYZ	30.8511, 34.3590, 62.0998
YIQ	153.0120, -43.8320, 1.4160

Conversions

Conversions Part 2

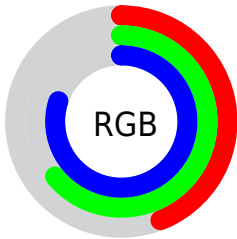
Format	Color
RYB	112, 145, 204
Decimal	7382220
CIELab	65.25, -6.58, -25.78
CIELCh	65, 26.605, 255.684
Yxy	34.3590, 0.2423, 0.2699
Android (android.graphics.Color)	4285572300 (0xFF70A4CC)
YUV	153.0120, 25.1371, -35.9675
Hunter-Lab	58.6166, -8.6308, -21.7817

Details


The YIQ color $153.0120, -43.8320, 1.4160$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $162.9880, 43.8320, -1.4160$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.8550, -41.9520, 0.3840$, and $99.5880, -45.5740, -0.0540$ is the 20% darker color. If you saturate the color by 10%, you get $141.7490, -53.2770, 1.8830$, and if you desaturate by 10%, it is $164.2750, -34.3870, 0.9490$.

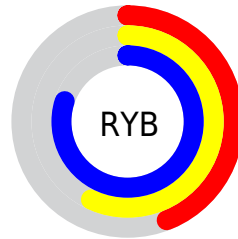
Distribution



 Red (44%)


 Green (64%)

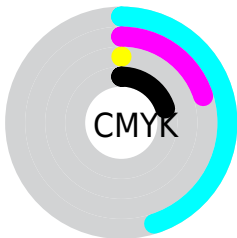
 Blue (80%)





 Red (44%)

 Yellow (57%)


 Blue (80%)

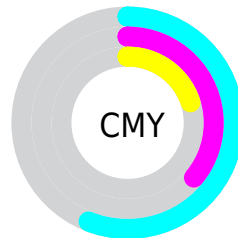


 Cyan (45%)


 Magenta (20%)

 Yellow (0%)

 Black (20%)



 Cyan (56%)

 Magenta (36%)

 Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0120, -43.8320, 1.4160 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 153.0120, -43.8320, 1.4160 by changing the saturation by 10% instead.

■ 153.0120,
-43.8320, 1.4160

■ 153.0120,
-43.8320, 1.4160

■ 255.0000, -0.0000,
-0.0000

■ 126.4850,
-43.7860, 0.5820

■ 207.5560,
-42.5480, 0.1720

■ 99.5880, -45.5740,
-0.0540

■ 232.6630,
-32.9640, -8.3240

■ 72.9680, -49.7000,
-2.3720

■ 246.0300,
-17.8800, -6.3600

■ 49.4410, -49.6540,
-3.2060

■ 254.7010, -0.5960,
-0.2120

■ 33.7910, -35.9000,
0.8360

■ 19.4290, -23.0170,
4.1430

■ 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 153.0120,
-43.8320, 1.4160

■ 153.0120,
-43.8320, 1.4160

■ 141.7490,
-53.2770, 1.8830

■ 164.2750,
-34.3870, 0.9490

■ 130.1870,
-63.3180, 2.1380

■ 175.8370,
-24.3460, 0.6940

■ 118.9240,
-72.7630, 2.6050

■ 187.1000,
-14.9010, 0.2270

■ 107.9490,
-83.0790, 2.3370

■ 198.0750, -4.5850,
0.4950

■ 96.6860, -92.5240,
2.8040

■ 209.3380, 4.8600,
0.0280

■ 90.7610, -97.1090,
3.2990

■ 220.6010, 14.3050,
-0.4390

■ 232.1630, 24.3460,
-0.6940

■ 237.4460, 21.8710,
-5.4010

■ 242.7290, 19.3960,
-10.1080

Harmonies

Analogous

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



147.4030, -55.6590, -10.0190



153.0120, -43.8320, 1.4160



158.4820, -21.3680, 12.8080

Triad

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



153.0120, -43.8320, 1.4160



161.1190, 36.8140, 15.6460



152.8290, -4.6730, -19.9450

Complementary

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



153.0120, -43.8320, 1.4160



162.9880, 43.8320, -1.4160

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.



156.0120, 16.9210, -14.8150



153.0120, -43.8320, 1.4160



159.7630, 40.3920, 5.8640

Square

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



153.0120, -43.8320, 1.4160



162.0500, 24.0670, 20.8910



158.3070, 32.5080, -5.4440



149.6120, -28.9270, -20.9190

Rectangle

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



153.0120, -43.8320, 1.4160



161.3270, -4.6340, 17.9100



158.3070, 32.5080, -5.4440



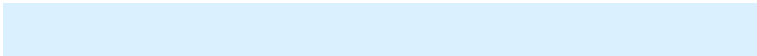
153.7760, 2.8460, -18.5460

Sweetspot

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



153.0120, -43.8320, 1.4160



235.4310, -17.3310, 0.2130



170.5640, -38.1400, -35.6760



115.5520, -10.3620, 0.5660



0.0000, 0.0000, 0.0000



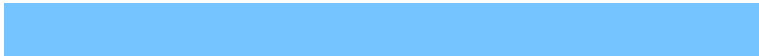
128.0000, -0.0000, -0.0000

Same Dimension

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



153.0120, -43.8320, 1.4160



178.5180, -65.7480, 2.1240



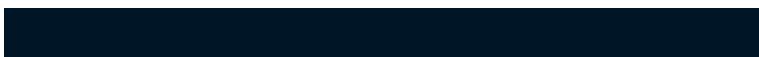
126.0100, -31.1820, 25.4740



96.6620, -4.8600, -0.0280



74.1020, -79.1360, 2.4640



17.2460, -18.2480, 0.3120

Inverse Universe

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



145.4360, 38.1400, 35.6760



167.1540, 57.2100, 53.5140



189.9900, 31.1820, -25.4740



95.6740, 4.0340, 3.9860



60.3500, 68.7620, 64.4260



13.8700, 15.5860, 14.8980

Previews

White Background



This preview shows how the YIQ color 153.0120, -43.8320, 1.4160 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 153.0120, -43.8320, 1.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

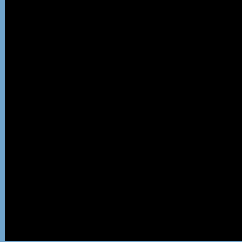
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.0120, -43.8320, 1.4160

Background



This preview shows how black text looks on a background with the YIQ color 153.0120, -43.8320, 1.4160.

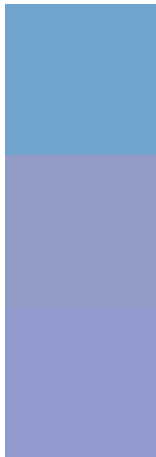


This preview shows how white text looks on a background with the YIQ color 153.0120, -43.8320,

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

153.0120, -43.8320, 1.4160

Protanopia

158.0970, -18.8460, 11.1540

Deuteranopia

158.4220, -21.1390, 14.1650



Tritanopia

150.7590, -42.0420, -9.0020

Trichromacy



Original Color

153.0120, -43.8320, 1.4160

Protanomaly

156.1990, -28.0610, 7.4510

Deuteranomaly

156.1820, -29.3910, 9.5290

Tritanomaly

151.9810, -42.5470, -5.3550

Monochromacy



Original Color

153.0120, -43.8320, 1.4160

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0290, -16.1390, 0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0120, -43.8320, 1.4160 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(112, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(112, 164, 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(112, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 164, 204) }
```

Border

The CSS property to change the border of an element to YIQ 153.0120, -43.8320, 1.4160 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(112, 164, 204) }
```


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

```
.border{ border-color:rgb(112, 164, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 164, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(112, 164,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0120, -43.8320, 1.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 164, 204) }
```

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

```
.background{ background-color: rgb(112,  
164, 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