

Converting Colors

YIQ(154.2920, -60.5610,
-31.3210)

Have a look what the booklet for
YIQ(154.2920, -60.5610, -31.3210)
contains.

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Color

**YIQ(154.2920, -60.5610,
-31.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	4DBFA8
RGB	77, 191, 168
RGB Percent	30%, 75%, 66%
CMY	0.6983, 0.2508, 0.3414
CMYK	0.60, 0.00, 0.12, 0.25
HSL	168°, 47%, 53%
HSV	168°, 60%, 75%
XYZ	28.7585, 41.6823, 43.5478
YIQ	154.2920, -60.5610, -31.3210

Conversions

Conversions Part 2

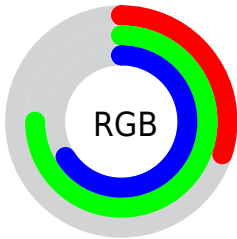
Format	Color
RYB	77, 140, 191
Decimal	5095336
CIELab	70.65, -37.83, 2.04
CIElCh	71, 37.882, 176.908
Yxy	41.6823, 0.2523, 0.3657
Android (android.graphics.Color)	4283285416 (0xFF4DBFA8)
YUV	154.2920, 6.7580, -67.7851
Hunter-Lab	64.5618, -33.4718, 5.2014

Details

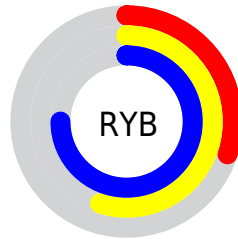
The YIQ color **154.2920, -60.5610, -31.3210** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **113.7080, 60.5610, 31.3210**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6620, -58.7270, -31.5190**, and **93.6430, -74.9110, -35.5750** is the 20% darker color. If you saturate the color by 10%, you get **148.1550, -70.6010, -36.5930**, and if you desaturate by 10%, it is **160.4290, -50.5210, -26.0490**.

Distribution



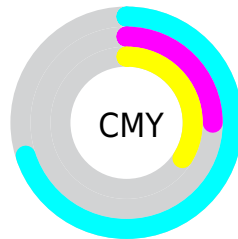
- Red (30%)
- Green (75%)
- Blue (66%)



- Red (30%)
- Yellow (55%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2920, -60.5610, -31.3210 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 154.2920, -60.5610, -31.3210 by changing the saturation by 10% instead.

■ 154.2920,
-60.5610, -31.3210

■ 154.2920,
-60.5610, -31.3210

■ 255.0000, -0.0000,
-0.0000

■ 125.3130,
-65.0540, -32.4940

■ 211.6620,
-58.7270, -31.5190

■ 93.6430, -74.9110,
-35.5750

■ 227.7480,
-52.6770, -20.0130

■ 75.5310, -59.7360,
-29.7520

■ 237.0600,
-35.7600, -12.7200

■ 58.2340, -45.4780,
-23.8300

■ 245.7310,
-18.4760, -6.5720

■ 41.6380, -31.8160,
-18.1200

■ 254.7010, -0.5960,
-0.2120

■ 26.3300, -19.0250,
-13.1450

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 154.2920,
-60.5610, -31.3210

■ 154.2920,
-60.5610, -31.3210

■ 148.1550,
-70.6010, -36.5930

■ 160.4290,
-50.5210, -26.0490

■ 142.0180,
-80.6410, -41.8650

■ 166.5660,
-40.4810, -20.7770

■ 135.8810,
-90.6810, -47.1370

■ 172.7030,
-30.4410, -15.5050

■ 129.7440,
-100.7210, -52.4090

■ 178.7260,
-20.0800, -10.5440

■ 129.4450,
-101.3170, -52.6210

■ 184.8630,
-10.0400, -5.2720

■ 191.2990, 0.5960,
0.2120

■ 197.4360, 10.6360,
5.4840

■ 203.5730, 20.6760,
10.7560

■ 209.7100, 30.7160,
16.0280

Harmonies

Analogous

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



161.8220, -21.1310, -30.0510



154.2920, -60.5610, -31.3210



143.6310, -101.0000, -30.8240

Triad

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



154.2920, -60.5610, -31.3210



174.9590, -17.9770, 22.9430



173.5440, 54.0100, 1.3540

Complementary

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



154.2920, -60.5610, -31.3210



113.7080, 60.5610, 31.3210

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.



174.6390, 55.8410, 17.7370



154.2920, -60.5610, -31.3210



177.5520, 17.1420, 30.7580

Square

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



154.2920, -60.5610, -31.3210



166.3560, -56.3040, 7.1840



176.5580, 43.3680, 29.0320



171.1470, 38.4700, -14.3780

Rectangle

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



154.2920, -60.5610, -31.3210



146.4280, -101.5060, -21.6500



176.5580, 43.3680, 29.0320



173.9020, 56.1180, 7.2060

Sweetspot

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



154.2920, -60.5610, -31.3210



232.8180, -23.3350, -12.1270



151.3930, -16.4500, -54.3220



115.9440, -14.7620, -7.8020



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.



154.2920, -60.5610, -31.3210



189.6740, -94.5320, -48.9320



138.1300, -59.1440, -7.4320



91.0810, -4.7220, -2.5300



107.1100, -83.8960, -43.4480



20.9330, -16.2290, -8.7490

Inverse Universe

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



113.7080, 60.5610, 31.3210



126.3260, 94.5320, 48.9320



129.8700, 59.1440, 7.4320



87.9190, 4.7220, 2.5300



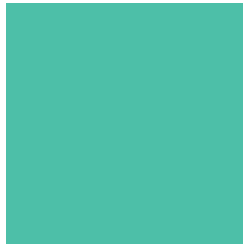
50.8900, 83.8960, 43.4480



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 154.2920, -60.5610, -31.3210 looks on a white background.

Color Contrast Check

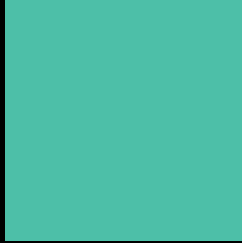
Large Text (above 18pt) WCAG AA × Fail

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 154.2920, -60.5610, -31.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

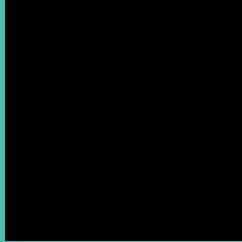
Any Text WCAG AA ✓ Pass

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 154.2920, -60.5610, -31.3210 Background



This preview shows how black text looks on a background with the YIQ color 154.2920, -60.5610, -31.3210.



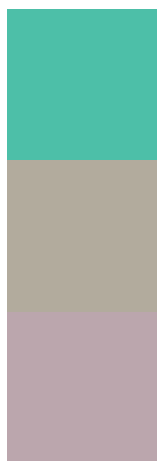
This preview shows how white text looks on a background with the YIQ color 154.2920, -60.5610, -31.3210.

-31.3210.

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

154.2920, -60.5610, -31.3210

Protanopia

171.4970, 8.6660, -2.8700

Deuteranopia

173.0770, 10.2690, 6.6290



Tritanopia

159.0060, -62.0310, -15.6870

Trichromacy



Original Color

154.2920, -60.5610, -31.3210



Protanomaly

164.9990, -16.5950, -13.1310



Deuteranomaly

166.1720, -15.4040, -7.1800



Tritanomaly

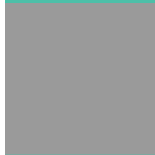
157.3170, -61.7090, -21.5250

Monochromacy



Original Color

154.2920, -60.5610, -31.3210



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

153.8290, -21.8680, -11.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2920, -60.5610, -31.3210 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(77, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(77, 191, 168)  
}
```

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(77, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 191, 168) }
```

Border

The CSS property to change the border of an element to YIQ 154.2920, -60.5610, -31.3210 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(77, 191, 168) }
```


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

```
.border{ border-color:rgb(77, 191, 168) }
```

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

Here you see how a box with a 4 pixel rgb(77, 191, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(77, 191,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2920, -60.5610, -31.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 191, 168) }
```

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

```
.background{ background-color: rgb(77, 191,  
168) }
```

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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