

Converting Colors

YIQ(180.9320, -60.3280,
-52.0720)

Have a look what the booklet for
YIQ(180.9320, -60.3280, -52.0720)
contains.

YIQ(180.9320, -60.3280, -52.0720)	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(180.9320, -60.3280,
-52.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE79F
RGB	91, 231, 159
RGB Percent	36%, 91%, 62%
CMY	0.6435, 0.0939, 0.3766
CMYK	0.61, 0.00, 0.31, 0.09
HSL	149°, 75%, 63%
HSV	149°, 61%, 91%
XYZ	39.1512, 61.9055, 42.6651
YIQ	180.9320, -60.3280, -52.0720

Conversions

Conversions Part 2

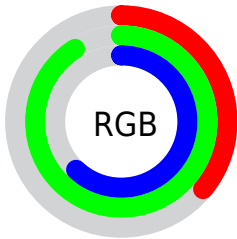
Format	Color
RYB	91, 185, 231
Decimal	6023071
CIELab	82.86, -54.11, 24.10
CIELCh	83, 59.234, 155.991
Yxy	61.9055, 0.2724, 0.4307
Android (android.graphics.Color)	4284213151 (0xFF5BE79F)
YUV	180.9320, -10.8125, -78.8704
Hunter-Lab	78.6800, -48.8685, 22.9254

Details

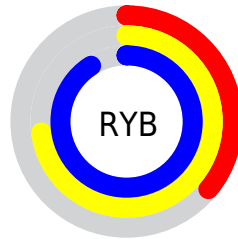
The YIQ color **180.9320, -60.3280, -52.0720** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **141.0680, 60.3280, 52.0720**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5290, -48.2270, -34.5870**, and **114.3360, -82.1970, -57.7250** is the 20% darker color. If you saturate the color by 10%, you get **172.6870, -70.1840, -60.6800**, and if you desaturate by 10%, it is **189.1770, -50.4720, -43.4640**.

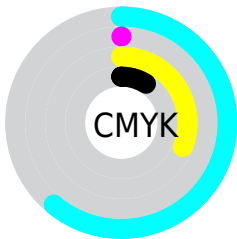
Distribution



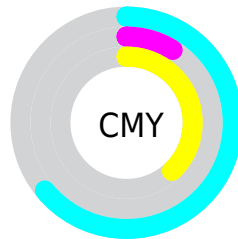
- Red (36%)
- Green (91%)
- Blue (62%)



- Red (36%)
- Yellow (73%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9320, -60.3280, -52.0720 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 180.9320, -60.3280, -52.0720 by changing the saturation by 10% instead.

■ 180.9320,
-60.3280, -52.0720

■ 180.9320,
-60.3280, -52.0720

■ 255.0000, -0.0000,
-0.0000

■ 150.4800,
-64.8670, -52.4110

■ 219.5290,
-48.2270, -34.5870

■ 114.3360,
-82.1970, -57.7250

■ 231.6910,
-39.3350, -19.5190

■ 95.6370, -66.7470,
-51.3790

■ 242.4420,
-25.0320, -8.9040

■ 77.1660, -51.9390,
-44.4110

■ 251.4120, -7.1520,
-2.5440

■ 59.8690, -37.6810,
-38.4890

■ 42.0990, -23.4690,
-31.7330

■ 27.5890, -12.9250,

-24.5810

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 180.9320,
-60.3280, -52.0720

■ 180.9320,
-60.3280, -52.0720

■ 172.6870,
-70.1840, -60.6800

■ 189.1770,
-50.4720, -43.4640

■ 164.4420,
-80.0400, -69.2880


■ 197.4220,
-40.6160, -34.8560


■ 156.1970,
-89.8960, -77.8960


■ 205.6670,
-30.7600, -26.2480


■ 148.3650,
-99.4770, -85.9810


■ 213.9120,
-20.9040, -17.6400

 222.0430,
-10.7270, -9.3430

 230.5870, -0.2750,
-0.5230

 238.8320, 9.5810,
8.0850

 240.7980, 6.9210,
12.2410

 240.9120, 6.6000,
12.5520

Harmonies

Analogous

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



194.0260, 3.9970, -44.9230



180.9320, -60.3280, -52.0720



162.5690, -133.9610, -55.7290

Triad

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



180.9320, -60.3280, -52.0720



189.7370, -62.1710, -2.1310



191.2770, 59.5560, 10.9800

Complementary

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



180.9320, -60.3280, -52.0720



141.0680, 60.3280, 52.0720

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.



192.0360, 45.0180, 32.1700



180.9320, -60.3280, -52.0720



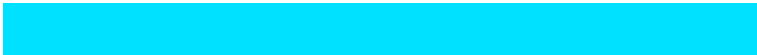
206.1140, 0.8200, 29.2040

Square

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



180.9320, -60.3280, -52.0720



160.5580, -143.4550, -37.8470



203.1160, 24.8420, 45.4020



197.8700, 67.1710, -11.3970

Rectangle

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



180.9320, -60.3280, -52.0720



166.2000, -145.5630, -43.6990



203.1160, 24.8420, 45.4020



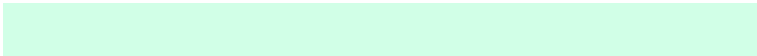
190.2800, 55.4740, 18.8820

Sweetspot

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



180.9320, -60.3280, -52.0720



238.5100, -19.7120, -17.2160



194.7080, 4.4120, -57.9560



117.6190, -12.4690, -10.8130



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.



180.9320, -60.3280, -52.0720



188.4420, -80.0400, -69.2880



188.9120, -82.7980, -30.3020



110.7280, -5.2260, -4.4100



114.9910, -77.1520, -66.5600



32.7870, -22.0500, -18.8980

Inverse Universe

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



141.0680, 60.3280, 52.0720



135.5580, 80.0400, 69.2880



133.0880, 82.7980, 30.3020



107.2720, 5.2260, 4.4100



64.0090, 77.1520, 66.5600



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 180.9320, -60.3280, -52.0720 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 180.9320, -60.3280, -52.0720 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 180.9320, -60.3280, -52.0720 Background



This preview shows how black text looks on a background with the YIQ color 180.9320, -60.3280, -52.0720.



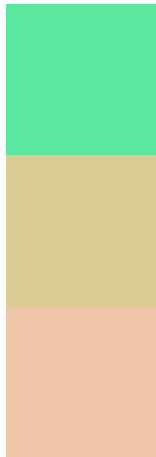
This preview shows how white text looks on a background with the YIQ color 180.9320, -60.3280, -52.0720.

-52.0720.

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

180.9320, -60.3280, -52.0720

Protanopia

202.2860, 27.8330, -14.3350

Deuteranopia

205.8390, 34.0660, -0.6380



Tritanopia

191.9560, -67.7620, -16.4500

Trichromacy



Original Color

180.9320, -60.3280, -52.0720



Protanomaly

194.5590, -4.2130, -28.2850



Deuteranomaly

196.6940, 0.1410, -19.0830



Tritanomaly

188.3070, -64.9170, -29.4690

Monochromacy



Original Color

180.9320, -60.3280, -52.0720



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.7870, -22.0500, -18.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9320, -60.3280, -52.0720 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(91, 231, 159)` looks like.

```
.text, #text, p{  
    color:rgb(91, 231, 159)  
}
```

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(91, 231, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 231, 159) }
```

Border

The CSS property to change the border of an element to YIQ 180.9320, -60.3280, -52.0720 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(91, 231, 159) }
```


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

```
.border{ border-color:rgb(91, 231, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 231, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 231, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 231, 159);  
box-shadow:4px 4px 4px 4px rgb(91, 231,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9320, -60.3280, -52.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 231, 159) }
```

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

```
.background{ background-color: rgb(91, 231,  
159) }
```

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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