

Converting Colors

YIQ(158.5210, -53.7760,
-27.6320)

Have a look what the booklet for
YIQ(158.5210, -53.7760, -27.6320)
contains.

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Color

**YIQ(158.5210, -53.7760,
-27.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	5ABFAB
RGB	90, 191, 171
RGB Percent	35%, 75%, 67%
CMY	0.6473, 0.2508, 0.3296
CMYK	0.53, 0.00, 0.11, 0.25
HSL	168°, 44%, 55%
HSV	168°, 53%, 75%
XYZ	30.1961, 42.3889, 45.0932
YIQ	158.5210, -53.7760, -27.6320

Conversions

Conversions Part 2

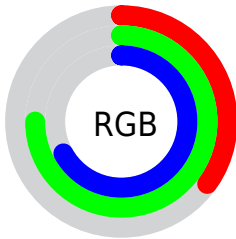
Format	Color
RYB	90, 146, 191
Decimal	5947307
CIELab	71.14, -34.42, 1.16
CIELCh	71, 34.443, 178.070
Yxy	42.3889, 0.2566, 0.3602
Android (android.graphics.Color)	4284137387 (0xFF5ABFAB)
YUV	158.5210, 6.1521, -60.0929
Hunter-Lab	65.1067, -31.1496, 4.5102

Details

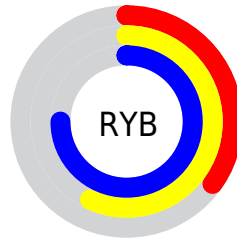
The YIQ color **158.5210, -53.7760, -27.6320** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **122.4790, 53.7760, 27.6320**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2930, -53.1340, -28.2540**, and **100.8620, -62.1660, -29.7660** is the 20% darker color. If you saturate the color by 10%, you get **152.3840, -63.8160, -32.9040**, and if you desaturate by 10%, it is **164.6580, -43.7360, -22.3600**.

Distribution



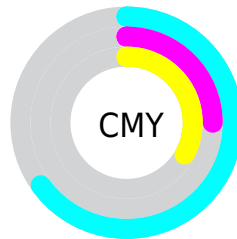
- Red (35%)
- Green (75%)
- Blue (67%)



- Red (35%)
- Yellow (57%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (65%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.5210, -53.7760, -27.6320 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 158.5210, -53.7760, -27.6320 by changing the saturation by 10% instead.

■ 158.5210,
-53.7760, -27.6320

■ 158.5210,
-53.7760, -27.6320

■ 255.0000, -0.0000,
-0.0000

■ 130.6240,
-55.5640, -28.2680

■ 215.2930,
-53.1340, -28.2540

■ 100.5630,
-62.7620, -29.9780

■ 231.3790,
-47.0840, -16.7480

■ 75.8730, -60.6990,
-28.8190

■ 240.0500,
-29.8000, -10.6000

■ 58.5760, -46.4410,
-22.8970

■ 249.0200,
-11.9200, -4.2400

■ 41.8660, -32.4580,
-17.4980

■ 26.5580, -19.6670,
-12.5230

■ 4.8100, -2.5210,

-3.8730

■ 0.0000, 0.0000,
0.0000

■ 158.5210,
-53.7760, -27.6320

■ 158.5210,
-53.7760, -27.6320

■ 152.3840,
-63.8160, -32.9040

■ 164.6580,
-43.7360, -22.3600

■ 146.2470,
-73.8560, -38.1760

■ 170.7950,
-33.6960, -17.0880

■ 140.2240,
-84.2170, -43.1370

■ 176.8180,
-23.3350, -12.1270

■ 134.0870,
-94.2570, -48.4090

■ 182.9550,
-13.2950, -6.8550

■ 129.5590,
-101.6380, -52.3100

■ 189.0920, -3.2550,
-1.5830

■ 195.5280, 7.3810,
3.9010

■ 201.6650, 17.4210,
9.1730

■ 207.6880, 27.7820,
14.1340

■ 211.7320, 33.6500,
17.9220

Harmonies

Analogous

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



164.5880, -20.3520, -27.6480



158.5210, -53.7760, -27.6320



154.0960, -80.1400, -23.4040

Triad

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



158.5210, -53.7760, -27.6320



176.4600, -15.1340, 20.9780



174.7930, 48.8750, 0.8030

Complementary

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



158.5210, -53.7760, -27.6320



122.4790, 53.7760, 27.6320

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.



176.1330, 51.3940, 15.7300



158.5210, -53.7760, -27.6320



178.6720, 16.6840, 28.0440

Square

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



158.5210, -53.7760, -27.6320



169.6620, -48.4180, 7.4380



177.8950, 40.8010, 25.9930



172.5210, 34.4810, -13.6710

Rectangle

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



158.5210, -53.7760, -27.6320



156.0670, -81.1960, -15.2760



177.8950, 40.8010, 25.9930



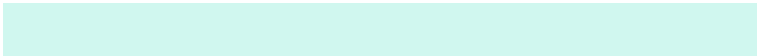
175.0370, 51.3040, 6.3440

Sweetspot

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



158.5210, -53.7760, -27.6320



234.4270, -20.6760, -10.7560



155.2670, -15.8550, -48.5830



117.2540, -12.6990, -6.6430



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.



158.5210, -53.7760, -27.6320



196.2240, -84.2170, -43.1370



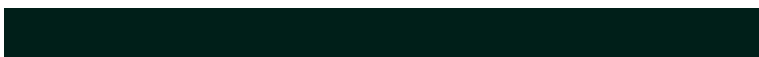
143.1910, -51.9460, -5.7220



91.0810, -4.7220, -2.5300



107.2240, -84.2170, -43.1370



21.0470, -16.5500, -8.4380

Inverse Universe

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



122.4790, 53.7760, 27.6320



139.8900, 83.8960, 43.4480



137.8090, 51.9460, 5.7220



87.9190, 4.7220, 2.5300



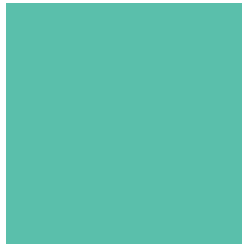
50.7760, 84.2170, 43.1370



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 158.5210, -53.7760, -27.6320 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 158.5210, -53.7760, -27.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

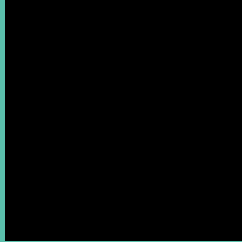
Any Text WCAG AA ✓ Pass

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 158.5210, -53.7760, -27.6320 Background



This preview shows how black text looks on a background with the YIQ color 158.5210, -53.7760, -27.6320.



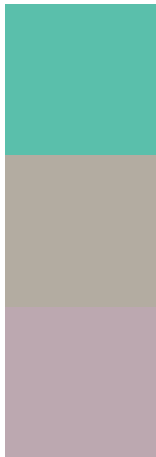
This preview shows how white text looks on a background with the YIQ color 158.5210, -53.7760, -27.6320.

-27.6320.

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

158.5210, -53.7760, -27.6320

Protanopia

172.8390, 7.7030, -1.9370

Deuteranopia

174.8920, 9.3520, 6.7280



Tritanopia

162.6970, -56.6670, -13.7790

Trichromacy



Original Color

158.5210, -53.7760, -27.6320

Protanomaly

167.8360, -14.5780, -11.1380

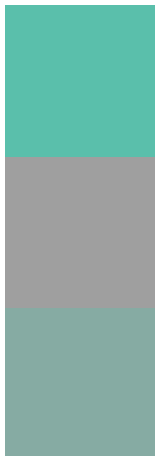
Deuteranomaly

168.5960, -13.6620, -5.7100

Tritanomaly

160.8340, -55.7950, -18.5710

Monochromacy



Original Color

158.5210, -53.7760, -27.6320

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0250, -19.4840, -10.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5210, -53.7760, -27.6320 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(90, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 191, 171)  
}
```

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(90, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 191, 171) }
```

Border

The CSS property to change the border of an element to YIQ 158.5210, -53.7760, -27.6320 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(90, 191, 171) }
```


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

```
.border{ border-color:rgb(90, 191, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 191,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5210, -53.7760, -27.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 191, 171) }
```

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

```
.background{ background-color: rgb(90, 191,  
171) }
```

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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