

Converting Colors

YIQ(153.7070, -62.6270,
-15.8990)

Have a look what the booklet for
YIQ(153.7070, -62.6270, -15.8990)
contains.

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Color

**YIQ(153.7070, -62.6270,
-15.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	54B5C4
RGB	84, 181, 196
RGB Percent	33%, 71%, 77%
CMY	0.6708, 0.2900, 0.2316
CMYK	0.57, 0.08, 0.00, 0.23
HSL	188°, 49%, 55%
HSV	188°, 57%, 77%
XYZ	30.1395, 38.9291, 58.1105
YIQ	153.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

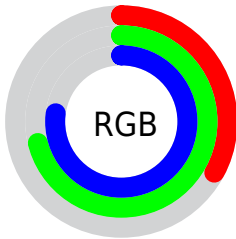
Format	Color
RYB	84, 136, 196
Decimal	5551556
CIELab	68.70, -24.13, -16.19
CIELCh	69, 29.057, 213.871
Yxy	38.9291, 0.2370, 0.3061
Android (android.graphics.Color)	4283741636 (0xFF54B5C4)
YUV	153.7070, 20.8504, -61.1330
Hunter-Lab	62.3932, -22.9621, -11.5451

Details

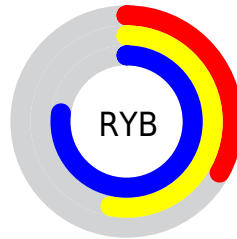
The YIQ color **153.7070, -62.6270, -15.8990** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **126.2930, 62.6270, 15.8990**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.7180, -61.1600, -14.9520**, and **91.3240, -80.7820, -22.7820** is the 20% darker color. If you saturate the color by 10%, you get **145.9660, -73.7220, -18.5700**, and if you desaturate by 10%, it is **161.4480, -51.5320, -13.2280**.

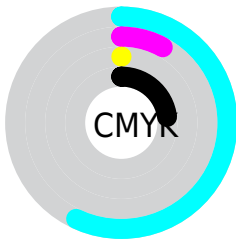
Distribution



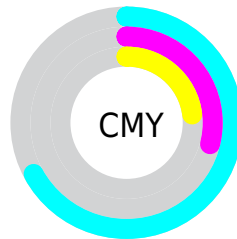
- Red (33%)
- Green (71%)
- Blue (77%)



- Red (33%)
- Yellow (53%)
- Blue (77%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.7070, -62.6270, -15.8990 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 153.7070, -62.6270, -15.8990 by changing the saturation by 10% instead.

■ 153.7070,
-62.6270, -15.8990

■ 153.7070,
-62.6270, -15.8990

■ 255.0000, -0.0000,
-0.0000

■ 125.2120,
-65.6070, -16.9590

■ 210.7180,
-61.1600, -14.9520

■ 91.3240, -80.7820,
-22.7820

■ 230.1830,
-49.4680, -17.5960

■ 73.7990, -65.8820,
-17.4820

■ 238.8540,
-32.1840, -11.4480

■ 56.2740, -50.9820,
-12.1820

■ 247.8240,
-14.3040, -5.0880

■ 40.0370, -36.9530,
-7.6170

■ 25.2020, -24.1160,
-3.4760

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 153.7070,
-62.6270, -15.8990

■ 153.7070,
-62.6270, -15.8990

■ 145.9660,
-73.7220, -18.5700

■ 161.4480,
-51.5320, -13.2280

■ 139.1110,
-84.4960, -21.5520

■ 168.3030,
-40.7580, -10.2460

■ 131.3700,
-95.5910, -24.2230

■ 176.0440,
-29.6630, -7.5750

■ 124.5150,
-106.3650, -27.2050

■ 182.8990,
-18.8890, -4.5930

■ 122.1340,
-109.6660, -27.9540

■ 190.6400, -7.7940,
-1.9220

■ 198.3810, 3.3010,
0.7490

■ 205.2360, 14.0750,
3.7310

■ 212.9770, 25.1700,
6.4020

■ 218.3370, 32.9640,
8.3240

Harmonies

Analogous

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



154.9180, -47.4040, -21.9640



153.7070, -62.6270, -15.8990



158.7930, -56.5770, -4.3930

Triad

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



153.7070, -62.6270, -15.8990



171.9940, 18.4730, 23.1530



165.8560, 26.2280, -12.7800

Complementary

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



153.7070, -62.6270, -15.8990



126.2930, 62.6270, 15.8990

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.



168.1340, 40.4850, -1.3310



153.7070, -62.6270, -15.8990



171.1670, 36.8590, 20.3390

Square

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



153.7070, -62.6270, -15.8990



170.5980, -6.8350, 19.2530



170.0780, 44.0590, 10.9950



162.7930, 4.1760, -20.6240

Rectangle

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



153.7070, -62.6270, -15.8990



163.6040, -42.5030, 4.8650



170.0780, 44.0590, 10.9950



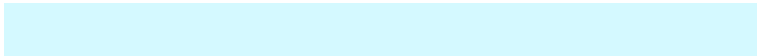
166.4870, 31.8210, -9.5150

Sweetspot

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



153.7070, -62.6270, -15.8990



238.6210, -23.9780, -5.9780



151.2260, -34.9730, -54.5330



117.8780, -14.3960, -3.4200



0.0000, 0.0000, 0.0000



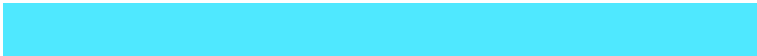
128.0000, -0.0000, -0.0000

Same Dimension

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



153.7070, -62.6270, -15.8990



188.8750, -98.5710, -25.2830



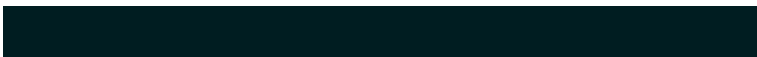
122.0090, -47.7770, 12.3430



93.4230, -5.6850, -1.5970



99.9470, -89.9060, -22.6260



20.7850, -18.5680, -4.9040

Inverse Universe

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



128.5460, 35.6150, 53.9110



149.0660, 55.7830, 84.8950



157.9910, 47.7770, -12.3430



91.0160, 3.0710, 4.9190



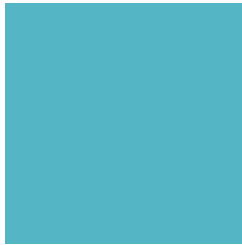
63.9850, 51.3370, 77.3610



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 153.7070, -62.6270, -15.8990 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 153.7070, -62.6270, -15.8990 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 153.7070, -62.6270, -15.8990 Background



This preview shows how black text looks on a background with the YIQ color 153.7070, -62.6270, -15.8990.



This preview shows how white text looks on a background with the YIQ color 153.7070, -62.6270, -15.8990.

-15.8990.

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

153.7070, -62.6270, -15.8990

Protanopia

167.0950, -7.3370, 6.3190

Deuteranopia

168.1150, -10.0890, 12.1430



Tritanopia

153.7070, -62.6270, -15.8990

Trichromacy



Original Color

153.7070, -62.6270, -15.8990

Protanomaly

162.4020, -27.5550, -1.7230

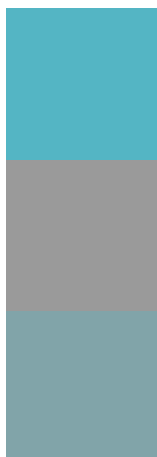
Deuteranomaly

163.1400, -29.5730, 1.8110

Tritanomaly

153.7070, -62.6270, -15.8990

Monochromacy



Original Color

153.7070, -62.6270, -15.8990

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1050, -22.4650, -5.8650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7070, -62.6270, -15.8990 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(84, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(84, 181, 196)  
}
```

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(84, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 181, 196) }
```

Border

The CSS property to change the border of an element to YIQ 153.7070, -62.6270, -15.8990 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

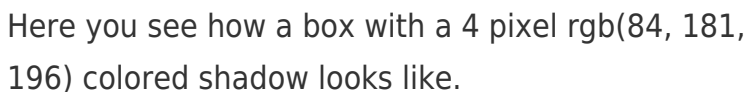
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 181, 196) }
```


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

```
.border{ border-color:rgb(84, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(84, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(84, 181,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7070, -62.6270, -15.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 181, 196) }
```

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

```
.background{ background-color: rgb(84, 181,  
196) }
```

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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