

Converting Colors

YIQ(151.8320, -52.3130,
-4.5770)

Have a look what the booklet for
YIQ(151.8320, -52.3130, -4.5770)
contains.

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Color

**YIQ(151.8320, -52.3130,
-4.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	63A9CA
RGB	99, 169, 202
RGB Percent	39%, 66%, 79%
CMY	0.6119, 0.3371, 0.2081
CMYK	0.51, 0.16, 0.00, 0.21
HSL	199°, 49%, 59%
HSV	199°, 51%, 79%
XYZ	29.9886, 35.2989, 61.0730
YIQ	151.8320, -52.3130, -4.5770

Conversions

Conversions Part 2

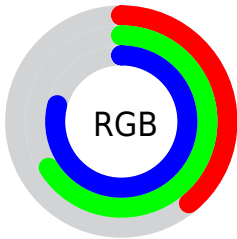
Format	Color
R_{YB}	99, 141, 202
Decimal	6531530
CIE _{Lab}	65.98, -12.98, -23.59
CIE _{LCh}	66, 26.927, 241.191
Yxy	35.2989, 0.2373, 0.2794
Android (android.graphics.Color)	4284721610 (0xFF63A9CA)
YUV	151.8320, 24.7328, -46.3337
Hunter-Lab	59.4129, -13.8748, -19.3577

Details

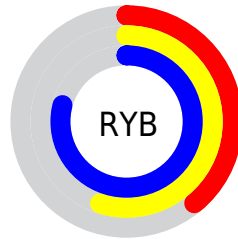
The YIQ color **151.8320, -52.3130, -4.5770** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **149.1680, 52.3130, 4.5770**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.2020, -50.4790, -4.7750**, and **96.9130, -57.0350, -7.1070** is the 20% darker color. If you saturate the color by 10%, you get **142.3300, -62.5830, -5.6790**, and if you desaturate by 10%, it is **161.3340, -42.0430, -3.4750**.

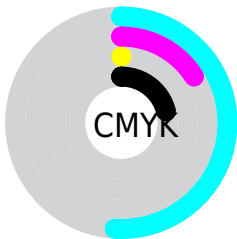
Distribution



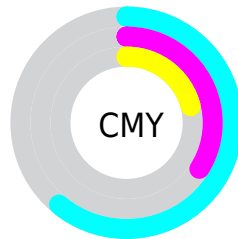
- Red (39%)
- Green (66%)
- Blue (79%)



- Red (39%)
- Yellow (55%)
- Blue (79%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8320, -52.3130, -4.5770 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 151.8320, -52.3130, -4.5770 by changing the saturation by 10% instead.

■ 151.8320,
-52.3130, -4.5770

■ 151.8320,
-52.3130, -4.5770

■ 255.0000, -0.0000,
-0.0000

■ 124.7070,
-53.4590, -5.8350

■ 207.2020,
-50.4790, -4.7750

■ 96.9130, -57.0350,
-7.1070

■ 232.5970,
-41.7660, -14.0060

■ 67.9120, -64.4620,
-10.1740

■ 242.4420,
-25.0320, -8.9040

■ 51.5610, -50.1120,
-5.9200

■ 251.4120, -7.1520,
-2.5440

■ 35.3240, -36.0830,
-1.3550

■ 21.5490, -23.4750,
1.4290

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 151.8320,
-52.3130, -4.5770

■ 151.8320,
-52.3130, -4.5770

■ 142.3300,
-62.5830, -5.6790

■ 161.3340,
-42.0430, -3.4750

■ 132.2410,
-72.5780, -6.2580

■ 171.4230,
-32.0480, -2.8960

■ 122.4400,
-83.4440, -7.5720

■ 181.2240,
-21.1820, -1.5820

■ 112.3510,
-93.4390, -8.1510

■ 191.3130,
-11.1870, -1.0030

■ 103.4470,
-102.5170, -8.8290

■ 200.8150, -0.9170,
0.0990

■ 210.9040, 9.0780,
0.6780

■ 220.4060, 19.3480,
1.7800

■ 229.0000, 26.3630,
1.2990

■ 232.5220, 24.7130,
-1.8390

Harmonies

Analogous

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



147.9420, -55.9790, -15.2350



151.8320, -52.3130, -4.5770



157.9750, -33.2420, 7.7340

Triad

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



151.8320, -52.3130, -4.5770



164.0740, 32.6870, 18.8550



156.0430, 6.4680, -18.1080

Complementary

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



151.8320, -52.3130, -4.5770



149.1680, 52.3130, 4.5770

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.



159.0240, 25.8150, -10.8010



151.8320, -52.3130, -4.5770



162.2240, 40.7120, 11.0800

Square

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



151.8320, -52.3130, -4.5770



164.0860, 15.2180, 21.5700



161.1060, 37.6880, -0.2000



152.6580, -17.3730, -21.0610

Rectangle

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



151.8320, -52.3130, -4.5770



161.5750, -17.1960, 14.2920



161.1060, 37.6880, -0.2000



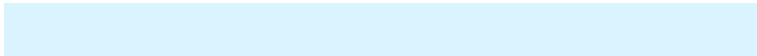
157.2180, 13.3450, -16.0870

Sweetspot

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



151.8320, -52.3130, -4.5770



236.5940, -19.3480, -1.7800



163.2230, -38.9180, -43.6060



116.4270, -11.5080, -0.6920



0.0000, 0.0000, 0.0000



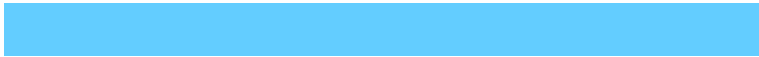
128.0000, -0.0000, -0.0000

Same Dimension

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



151.8320, -52.3130, -4.5770



179.0060, -79.2260, -6.9220



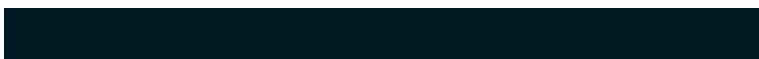
121.8950, -38.2880, 22.0960



97.2490, -5.1350, -0.5510



85.2550, -84.3610, -7.4730



19.5940, -19.3480, -1.7800

Inverse Universe

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



137.7770, 38.9180, 43.6060



157.7280, 58.9500, 66.0380



179.1050, 38.2880, -22.0960



95.7880, 3.7130, 4.2970



62.5160, 62.6630, 70.3350



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 151.8320, -52.3130, -4.5770 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 151.8320, -52.3130, -4.5770 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 151.8320, -52.3130, -4.5770

Background



This preview shows how black text looks on a background with the YIQ color 151.8320, -52.3130, -4.5770.



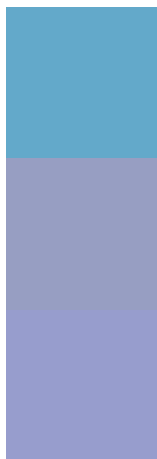
This preview shows how white text looks on a background with the YIQ color 151.8320, -52.3130, -4.5770.

-4.5770.

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

151.8320, -52.3130, -4.5770

Protanopia

160.0110, -15.7280, 9.7120

Deuteranopia

160.6780, -18.9840, 13.6560



Tritanopia

149.9750, -51.5780, -12.3940

Trichromacy



Original Color

151.8320, -52.3130, -4.5770

Protanomaly

157.0200, -29.1150, 4.5250

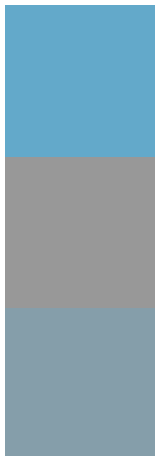
Deuteranomaly

157.2310, -31.0870, 7.2250

Tritanomaly

150.6700, -52.0370, -9.5810

Monochromacy



Original Color

151.8320, -52.3130, -4.5770

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.8930, -18.7520, -1.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8320, -52.3130, -4.5770 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(99, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(99, 169, 202)  
}
```

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(99, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 169, 202) }
```

Border

The CSS property to change the border of an element to YIQ 151.8320, -52.3130, -4.5770 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(99, 169, 202) }
```


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

```
.border{ border-color:rgb(99, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(99, 169,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8320, -52.3130, -4.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 169, 202) }
```

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

```
.background{ background-color: rgb(99, 169,  
202) }
```

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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