

Converting Colors

YIQ(154.5720, -31.4500,
-13.7380)

Have a look what the booklet for
YIQ(154.5720, -31.4500, -13.7380)
contains.

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Color

**YIQ(154.5720, -31.4500,
-13.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	74ACA6
RGB	116, 172, 166
RGB Percent	45%, 67%, 65%
CMY	0.5452, 0.3254, 0.3491
CMYK	0.33, 0.00, 0.04, 0.33
HSL	174°, 25%, 56%
HSV	174°, 33%, 67%
XYZ	28.8349, 35.9767, 41.4861
YIQ	154.5720, -31.4500, -13.7380

Conversions

Conversions Part 2

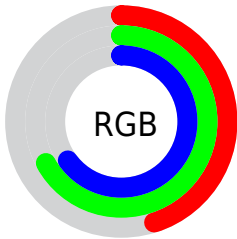
Format	Color
RYB	116, 146, 172
Decimal	7646374
CIELab	66.50, -19.65, -2.75
CIElCh	67, 19.836, 187.960
Yxy	35.9767, 0.2713, 0.3385
Android (android.graphics.Color)	4285836454 (0xFF74ACA6)
YUV	154.5720, 5.6340, -33.8276
Hunter-Lab	59.9805, -19.1542, 0.9779

Details

The YIQ color **154.5720, -31.4500, -13.7380** is a light color, and the websafe version is hex **669999**. A complement of this color would be **133.4280, 31.4500, 13.7380**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8600, -32.3210, -14.4730**, and **102.5720, -31.4500, -13.7380** is the 20% darker color. If you saturate the color by 10%, you get **149.2610, -40.9400, -17.9640**, and if you desaturate by 10%, it is **159.8830, -21.9600, -9.5120**.

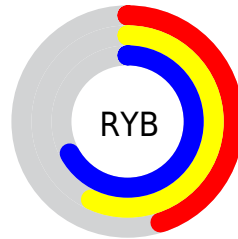
Distribution



Red (45%)

Green (67%)

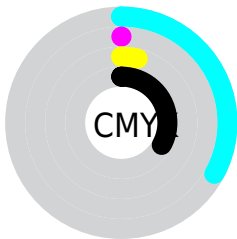
Blue (65%)



Red (45%)

Yellow (57%)

Blue (67%)

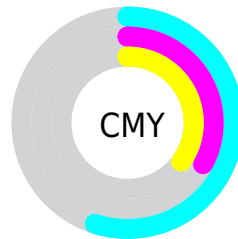


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.5720, -31.4500, -13.7380 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 154.5720, -31.4500, -13.7380 by changing the saturation by 10% instead.

■ 154.5720,
-31.4500, -13.7380

■ 154.5720,
-31.4500, -13.7380

■ 255.0000, -0.0000,
-0.0000

■ 127.9850,
-31.1750, -13.2150

■ 209.8600,
-32.3210, -14.4730

■ 102.5720,
-31.4500, -13.7380

■ 237.3870,
-32.3670, -13.6390

■ 77.6860, -31.7710,
-13.4270

■ 246.3290,
-17.2840, -6.1480

■ 51.5930, -35.9430,
-14.9110

■ 33.1920, -27.3240,
-11.4200

■ 19.1720, -15.4040,
-7.1800

■ 0.0000, 0.0000,

0.0000

■ 154.5720,
-31.4500, -13.7380

■ 154.5720,
-31.4500, -13.7380

■ 149.2610,
-40.9400, -17.9640

■ 159.8830,
-21.9600, -9.5120

■ 143.9500,
-50.4300, -22.1900

■ 165.1940,
-12.4700, -5.2860

■ 138.3400,
-60.5160, -26.6280

■ 170.8040, -2.3840,
-0.8480

■ 133.1430,
-70.3270, -30.5430

■ 176.0010, 7.4270,
3.0670

■ 127.8320,
-79.8170, -34.7690

■ 181.3120, 16.9170,
7.2930

■ 122.5210,
-89.3070, -38.9950

■ 186.6230, 26.4070,
11.5190

■ 118.4060,
-96.4130, -42.3730

■ 191.9340, 35.8970,
15.7450

■ 197.5440, 45.9830,
20.1830

■ 198.0710, 45.9370,
21.0170

Harmonies

Analogous

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



156.4180, -16.4570, -15.6330



154.5720, -31.4500, -13.7380



155.0260, -38.4200, -8.5640

Triad

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



154.5720, -31.4500, -13.7380



164.3610, -1.9740, 13.7540



162.1910, 27.1430, -1.8250

Complementary

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



154.5720, -31.4500, -13.7380



133.4280, 31.4500, 13.7380

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.



163.6140, 30.6260, 6.6420



154.5720, -31.4500, -13.7380



165.0980, 14.9440, 15.5200

Square

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



154.5720, -31.4500, -13.7380



161.5050, -20.1750, 7.7050



164.5630, 26.6360, 12.8760



160.2880, 16.3240, -9.5000

Rectangle

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



154.5720, -31.4500, -13.7380



156.8570, -36.2660, -3.5460



164.5630, 26.6360, 12.8760



162.5550, 29.1140, 1.0020

Sweetspot

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



154.5720, -31.4500, -13.7380



217.1940, -12.4700, -5.2860



150.9650, -11.2280, -27.8040



107.9990, -7.4270, -3.0670



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



154.5720, -31.4500, -13.7380



196.9610, -48.9630, -21.2430



142.9290, -27.6010, -0.8890



84.1950, -5.0430, -2.2190



103.3260, -84.2640, -36.7760



15.7810, -12.7450, -5.8090

Inverse Universe

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



133.4280, 31.4500, 13.7380



164.0390, 48.9630, 21.2430



145.0710, 27.6010, 0.8890



80.8050, 5.0430, 2.2190



46.6740, 84.2640, 36.7760



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 154.5720, -31.4500, -13.7380 looks on a white background.

Color Contrast Check

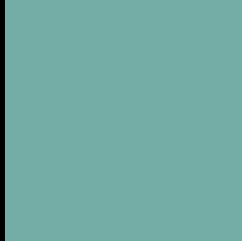
Large Text (above 18pt) WCAG AA × Fail

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 154.5720, -31.4500, -13.7380 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 154.5720, -31.4500, -13.7380 Background



This preview shows how black text looks on a background with the YIQ color 154.5720, -31.4500, -13.7380.



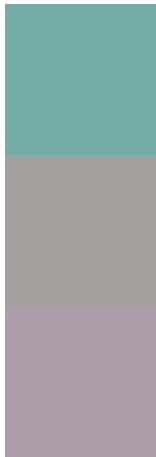
This preview shows how white text looks on a background with the YIQ color 154.5720, -31.4500, -13.7380.

-13.7380.

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

154.5720, -31.4500, -13.7380

Protanopia

161.0820, 2.7050, 0.5370

Deuteranopia

162.5650, 5.9590, 7.6470



Tritanopia

155.9450, -33.6980, -6.0340

Trichromacy



Original Color

154.5720, -31.4500, -13.7380

Protanomaly

158.6890, -9.4900, -4.2260

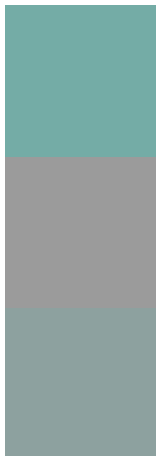
Deuteranomaly

159.6940, -7.8860, -0.2540

Tritanomaly

155.5490, -32.6430, -8.6350

Monochromacy



Original Color

154.5720, -31.4500, -13.7380

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7920, -11.2780, -4.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.5720, -31.4500, -13.7380 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(116, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(116, 172, 166)  
}
```

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(116, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 172, 166) }
```

Border

The CSS property to change the border of an element to YIQ 154.5720, -31.4500, -13.7380 is called "border".

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

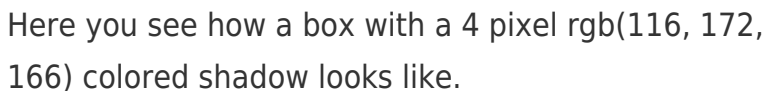
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 172, 166) }
```


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

```
.border{ border-color:rgb(116, 172, 166) }
```

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



Here you see how a box with a 4 pixel rgb(116, 172, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(116, 172,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 154.5720, -31.4500, -13.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 172, 166) }
```

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

```
.background{ background-color: rgb(116,  
172, 166) }
```

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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