

Converting Colors

YIQ(145.9180, -64.5990,
-13.1990)

Have a look what the booklet for
YIQ(145.9180, -64.5990, -13.1990)
contains.

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Color

**YIQ(145.9180, -64.5990,
-13.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	4CACC3
RGB	76, 172, 195
RGB Percent	30%, 67%, 76%
CMY	0.7022, 0.3253, 0.2356
CMYK	0.61, 0.12, 0.00, 0.24
HSL	192°, 50%, 53%
HSV	192°, 61%, 76%
XYZ	27.5788, 34.9917, 56.8888
YIQ	145.9180, -64.5990, -13.1990

Conversions

Conversions Part 2

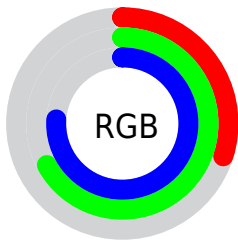
Format	Color
RYB	76, 129, 195
Decimal	5024963
CIELab	65.74, -21.32, -20.15
CIELCh	66, 29.336, 223.381
Yxy	34.9917, 0.2309, 0.2929
Android (android.graphics.Color)	4283215043 (0xFF4CACC3)
YUV	145.9180, 24.1974, -61.3181
Hunter-Lab	59.1538, -20.2984, -15.6122

Details

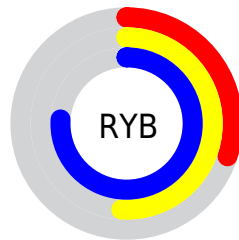
The YIQ color **145.9180, -64.5990, -13.1990** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **125.0820, 64.5990, 13.1990**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2280, -62.5360, -12.0400**, and **85.9270, -77.9860, -18.3860** is the 20% darker color. If you saturate the color by 10%, you get **137.5900, -75.4190, -15.3470**, and if you desaturate by 10%, it is **153.9470, -54.3750, -11.2630**.

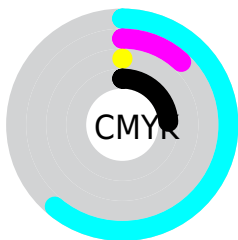
Distribution



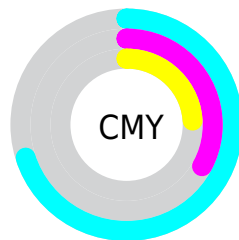
- Red (30%)
- Green (67%)
- Blue (76%)



- Red (30%)
- Yellow (51%)
- Blue (76%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.9180, -64.5990, -13.1990 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 145.9180, -64.5990, -13.1990 by changing the saturation by 10% instead.

■ 145.9180,
-64.5990, -13.1990

■ 145.9180,
-64.5990, -13.1990

■ 255.0000, -0.0000,
-0.0000

■ 116.5260,
-69.3670, -14.8950

■ 203.2280,
-62.5360, -12.0400

■ 86.5140, -78.2610,
-18.9090

■ 228.0900,
-53.6400, -19.0800

■ 68.9890, -63.3610,
-13.6090

■ 236.7610,
-36.3560, -12.9320

■ 52.0510, -48.7360,
-8.8320

■ 245.7310,
-18.4760, -6.5720

■ 35.8140, -34.7070,
-4.2670

■ 254.7010, -0.5960,
-0.2120

■ 22.1530, -22.4200,
-1.1720

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 145.9180,
-64.5990, -13.1990

■ 145.9180,
-64.5990, -13.1990

■ 137.5900,
-75.4190, -15.3470

■ 153.9470,
-54.3750, -11.2630

■ 130.1480,
-85.9180, -17.8060

■ 162.2750,
-43.5550, -9.1150

■ 121.8200,
-96.7380, -19.9540

■ 169.7170,
-33.0560, -6.6560

■ 114.3890,
-105.7700, -21.4660

■ 178.0450,
-22.2360, -4.5080

■ 186.0740,
-12.0120, -2.5720

■ 194.4020, -1.1920,
-0.4240

■ 201.8440, 9.3070,
2.0350

■ 210.1720, 20.1270,
4.1830

■ 218.2010, 30.3510,
6.1190

Harmonies

Analogous

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



145.5520, -55.0610, -20.8610



145.9180, -64.5990, -13.1990



152.6520, -51.6260, -0.5060

Triad

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



145.9180, -64.5990, -13.1990



163.7020, 25.1670, 22.9830



157.0400, 19.7180, -15.9460

Complementary

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



145.9180, -64.5990, -13.1990



125.0820, 64.5990, 13.1990

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.



159.4600, 36.4510, -5.3170



145.9180, -64.5990, -13.1990



162.5540, 40.0230, 18.0630

Square

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



145.9180, -64.5990, -13.1990



163.2570, 1.5550, 21.3870



161.5570, 43.9680, 7.1360



153.9600, -3.6640, -21.7120

Rectangle

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



145.9180, -64.5990, -13.1990



157.2460, -35.4430, 9.0770



161.5570, 43.9680, 7.1360



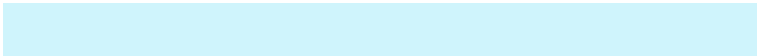
157.8560, 26.2280, -12.7800

Sweetspot

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



145.9180, -64.5990, -13.1990



233.8490, -24.6200, -5.3560



148.3610, -39.7870, -55.3950



115.8070, -15.6340, -3.0100



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.



145.9180, -64.5990, -13.1990



176.4390, -100.0390, -20.7030



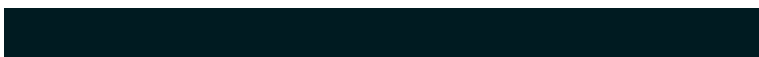
111.8720, -48.6490, 17.1350



92.8360, -5.4100, -1.0740



94.6640, -87.4310, -17.9190



19.6110, -18.0180, -3.8580

Inverse Universe

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



122.5250, 40.1080, 55.0840



140.0020, 61.8350, 85.3470



159.1280, 48.6490, -17.1350



90.9020, 3.3920, 4.6080



62.9590, 54.2260, 74.5620



12.9450, 11.0010, 15.3930

Previews

White Background



This preview shows how the YIQ color 145.9180, -64.5990, -13.1990 looks on a white background.

Color Contrast Check

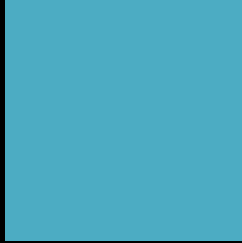
Large Text (above 18pt) WCAG AA × Fail

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 145.9180, -64.5990, -13.1990 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 145.9180, -64.5990, -13.1990 Background



This preview shows how black text looks on a background with the YIQ color 145.9180, -64.5990, -13.1990.



This preview shows how white text looks on a background with the YIQ color 145.9180, -64.5990, -13.1990.

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

145.9180, -64.5990, -13.1990

Protanopia

158.9960, -11.3720, 7.8600

Deuteranopia

160.3040, -14.9950, 12.9490



Tritanopia

144.3970, -64.6900, -17.0580

Trichromacy



Original Color

145.9180, -64.5990, -13.1990

Protanomaly

154.0150, -30.7190, 0.5530

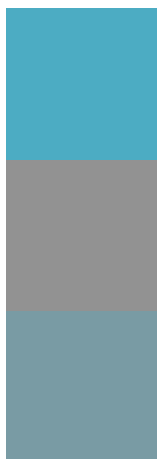
Deuteranomaly

155.3400, -33.0120, 3.5640

Tritanomaly

145.0380, -65.0570, -15.9130

Monochromacy



Original Color

145.9180, -64.5990, -13.1990

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.8600, -23.1530, -4.4090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9180, -64.5990, -13.1990 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(76, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(76, 172, 195)  
}
```

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(76, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 172, 195) }
```

Border

The CSS property to change the border of an element to YIQ 145.9180, -64.5990, -13.1990 is called "border".

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

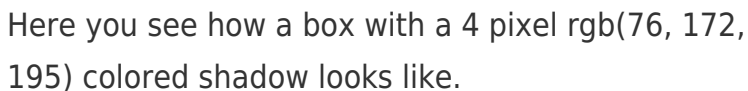
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 172, 195) }
```


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

```
.border{ border-color:rgb(76, 172, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(76, 172,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9180, -64.5990, -13.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 172, 195) }
```

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

```
.background{ background-color: rgb(76, 172,  
195) }
```

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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