

Converting Colors

YIQ(153.9420, -29.6160,
-13.9360)

Have a look what the booklet for
YIQ(153.9420, -29.6160, -13.9360)
contains.

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Color

**YIQ(153.9420, -29.6160,
-13.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	75ABA3
RGB	117, 171, 163
RGB Percent	46%, 67%, 64%
CMY	0.5413, 0.3293, 0.3609
CMYK	0.32, 0.00, 0.05, 0.33
HSL	171°, 24%, 56%
HSV	171°, 32%, 67%
XYZ	28.5071, 35.5573, 39.9978
YIQ	153.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

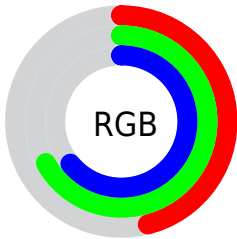
Format	Color
RYB	117, 146, 171
Decimal	7711651
CIELab	66.18, -19.54, -1.55
CIElCh	66, 19.597, 184.527
Yxy	35.5573, 0.2739, 0.3417
Android (android.graphics.Color)	4285901731 (0xFF75ABA3)
YUV	153.9420, 4.4656, -32.3981
Hunter-Lab	59.6299, -19.0175, 1.9712

Details

The YIQ color **153.9420, -29.6160, -13.9360** is a light color, and the websafe version is hex **669999**. A complement of this color would be **134.0580, 29.6160, 13.9360**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.6430, -30.2120, -14.1480**, and **102.2410, -29.0200, -13.7240** is the 20% darker color. If you saturate the color by 10%, you get **148.5170, -38.7850, -18.4730**, and if you desaturate by 10%, it is **159.3670, -20.4470, -9.3990**.

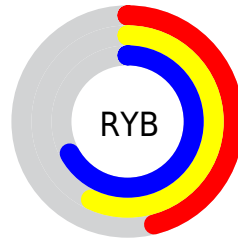
Distribution



Red (46%)

Green (67%)

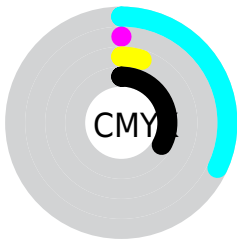
Blue (64%)



Red (46%)

Yellow (57%)

Blue (67%)

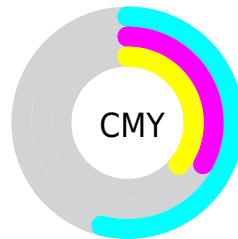


Cyan (32%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.9420, -29.6160, -13.9360 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 153.9420, -29.6160, -13.9360 by changing the saturation by 10% instead.

■ 153.9420,
-29.6160, -13.9360

■ 153.9420,
-29.6160, -13.9360

■ 255.0000, -0.0000,
-0.0000

■ 127.3550,
-29.3410, -13.4130

■ 209.2300,
-30.4870, -14.6710

■ 102.2410,
-29.0200, -13.7240

■ 237.2300,
-30.4870, -14.6710

■ 77.0560, -29.9370,
-13.6250

■ 246.6280,
-16.6880, -5.9360

■ 51.9740, -32.6420,
-14.1620

■ 32.3770, -26.4070,
-11.5190

■ 18.8300, -14.4410,
-8.1130

■ 0.0000, 0.0000,

0.0000

■ 153.9420,
-29.6160, -13.9360

■ 153.9420,
-29.6160, -13.9360

■ 148.5170,
-38.7850, -18.4730

■ 159.3670,
-20.4470, -9.3990

■ 143.2060,
-48.2750, -22.6990

■ 164.6780,
-10.9570, -5.1730

■ 137.7810,
-57.4440, -27.2360

■ 170.1030, -1.7880,
-0.6360

■ 132.4700,
-66.9340, -31.4620

■ 175.4140, 7.7020,
3.5900

■ 126.7460,
-76.6990, -36.2110

■ 180.8390, 16.8710,
8.1270

■ 121.4350,
-86.1890, -40.4370

■ 186.4490, 26.9570,
12.5650

■ 117.0210,
-93.8910, -44.0270

■ 191.8740, 36.1260,
17.1020

■ 197.1850, 45.6160,
21.3280

■ 197.8260, 45.2490,
22.4730

Harmonies

Analogous

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



155.7880, -14.6230, -15.8310



153.9420, -29.6160, -13.9360



153.7980, -37.7780, -9.1860

Triad

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



153.9420, -29.6160, -13.9360



162.5780, -4.0830, 13.4290



161.7180, 27.0970, -0.9910

Complementary

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



153.9420, -29.6160, -13.9360



134.0580, 29.6160, 13.9360

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.



162.8420, 29.9840, 7.2640



153.9420, -29.6160, -13.9360



163.7280, 13.1100, 15.7180

Square

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



153.9420, -29.6160, -13.9360



160.4940, -21.6420, 6.7580



163.6060, 25.0770, 13.5970



160.2990, 17.7910, -8.5530

Rectangle

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



153.9420, -29.6160, -13.9360



155.4440, -36.5410, -4.0690



163.6060, 25.0770, 13.5970



162.0820, 29.0680, 1.8360

Sweetspot

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



153.9420, -29.6160, -13.9360



215.6780, -10.9570, -5.1730



151.0900, -10.0820, -26.5460



108.1840, -6.5100, -3.1660



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.



153.9420, -29.6160, -13.9360



195.4020, -45.8910, -21.8510



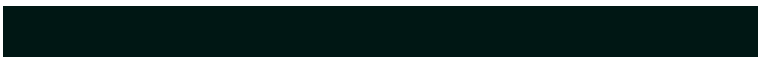
143.7010, -26.9590, -1.5110



84.0810, -4.7220, -2.5300



102.6420, -82.3380, -38.6420



15.7810, -12.7450, -5.8090

Inverse Universe

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



134.0580, 29.6160, 13.9360



164.4840, 46.2120, 21.5400



144.2990, 26.9590, 1.5110



80.8050, 5.0430, 2.2190



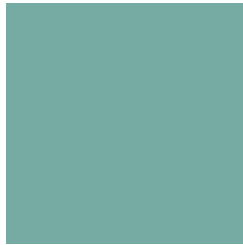
47.3580, 82.3380, 38.6420



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 153.9420, -29.6160, -13.9360 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 153.9420, -29.6160, -13.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

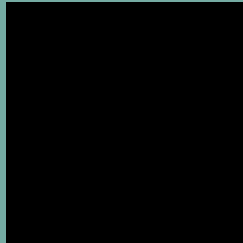
Any Text WCAG AA ✓ Pass

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 153.9420, -29.6160, -13.9360 Background



This preview shows how black text looks on a background with the YIQ color 153.9420, -29.6160, -13.9360.



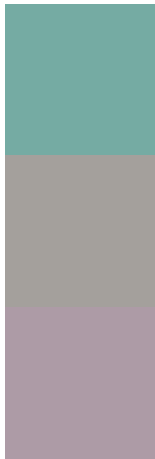
This preview shows how white text looks on a background with the YIQ color 153.9420, -29.6160, -13.9360.

-13.9360.

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

153.9420, -29.6160, -13.9360

Protanopia

160.7400, 3.6680, -0.3960

Deuteranopia

161.6360, 7.1970, 7.2370



Tritanopia

155.5430, -32.5060, -5.6100

Trichromacy



Original Color

153.9420, -29.6160, -13.9360

Protanomaly

158.3470, -8.5270, -5.1590

Deuteranomaly

159.0640, -6.0520, -0.4520

Tritanomaly

155.0330, -31.1300, -8.5220

Monochromacy



Original Color

153.9420, -29.6160, -13.9360

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.9770, -10.3610, -4.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9420, -29.6160, -13.9360 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(117, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 171, 163)  
}
```

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(117, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 171, 163) }
```

Border

The CSS property to change the border of an element to YIQ 153.9420, -29.6160, -13.9360 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(117, 171, 163) }
```


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

```
.border{ border-color:rgb(117, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(117, 171,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9420, -29.6160, -13.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 171, 163) }
```

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

```
.background{ background-color: rgb(117,  
171, 163) }
```

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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