

Converting Colors

YIQ(129.1020, -44.7460,
-15.0660)

Have a look what the booklet for
YIQ(129.1020, -44.7460, -15.0660)
contains.

YIQ(129.1020, -44.7460, -15.0660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.1020, -44.7460,
-15.0660)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D9799
RGB	77, 151, 153
RGB Percent	30%, 59%, 60%
CMY	0.6982, 0.4077, 0.4002
CMYK	0.50, 0.01, 0.00, 0.40
HSL	182°, 33%, 45%
HSV	182°, 50%, 60%
XYZ	19.8746, 26.0176, 34.0916
YIQ	129.1020, -44.7460, -15.0660

Conversions

Conversions Part 2

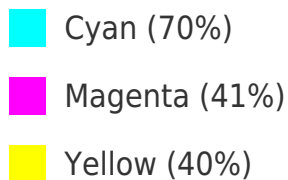
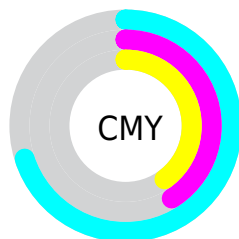
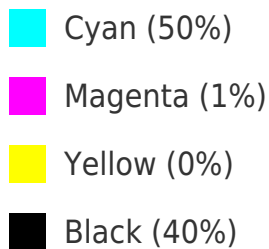
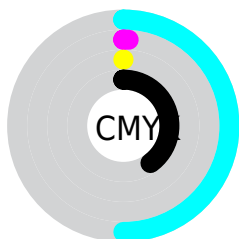
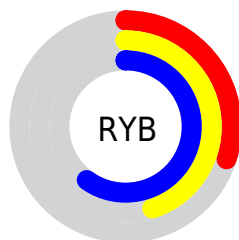
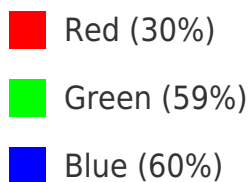
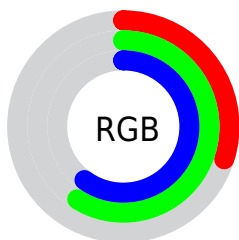
Format	Color
RYB	77, 114, 153
Decimal	5085081
CIELab	58.05, -22.42, -8.13
CIELCh	58, 23.853, 199.926
Yxy	26.0176, 0.2485, 0.3253
Android (android.graphics.Color)	4283275161 (0xFF4D9799)
YUV	129.1020, 11.7817, -45.6935
Hunter-Lab	51.0074, -19.7120, -3.9222

Details

The YIQ color **129.1020, -44.7460, -15.0660** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.8980, 44.7460, 15.0660**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4010, -44.1500, -14.8540**, and **74.2150, -52.4940, -17.8220** is the 20% darker color. If you saturate the color by 10%, you get **124.6170, -53.6860, -18.2460**, and if you desaturate by 10%, it is **133.5870, -35.8060, -11.8860**.


Distribution





Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1020, -44.7460, -15.0660 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 129.1020, -44.7460, -15.0660 by changing the saturation by 10% instead.


 129.1020,
-44.7460, -15.0660


 129.1020,
-44.7460, -15.0660


 255.0000, -0.0000,
-0.0000


 102.5040,
-45.9380, -15.4900


 183.9880,
-44.4250, -15.3770

 74.2150, -52.4940,
-17.8220


 211.6890,
-45.0210, -15.5890

 53.5040, -45.9380,
-15.4900


 234.9670,
-39.9320, -14.2040

 37.3810, -32.2300,
-10.6140

 243.3390,
-23.2440, -8.2680

 22.6600, -19.7140,
-6.1620

 252.3090, -5.3640,
-1.9080

 1.3680, -3.8520,
3.7320

 0.0000, 0.0000,

0.0000

■ 129.1020,
-44.7460, -15.0660

■ 129.1020,
-44.7460, -15.0660

■ 124.6170,
-53.6860, -18.2460

■ 133.5870,
-35.8060, -11.8860

■ 119.2460,
-62.9470, -21.1150

■ 138.9580,
-26.5450, -9.0170

■ 114.7610,
-71.8870, -24.2950

■ 143.4430,
-17.6050, -5.8370

■ 109.6890,
-80.5520, -26.9520

■ 148.5150, -8.9400,
-3.1800

■ 104.9050,
-90.0880, -30.3440

■ 153.0000, 0.0000,
-0.0000

■ 157.7840, 9.5360,
3.3920

■ 162.8560, 18.2010,
6.0490

■ 167.3410, 27.1410,
9.2290

■ 172.7120, 36.4020,
12.0980

Harmonies

Analogous

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



131.4920, -28.4690, -18.2050



129.1020, -44.7460, -15.0660



130.8770, -48.1860, -7.7860

Triad

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



129.1020, -44.7460, -15.0660



142.8890, 5.4070, 17.6550



139.2570, 26.7770, -6.2070

Complementary

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



129.1020, -44.7460, -15.0660



100.8980, 44.7460, 15.0660

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.



140.6590, 34.7530, 3.4330



129.1020, -44.7460, -15.0660



142.7570, 23.3340, 17.6540

Square

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



129.1020, -44.7460, -15.0660



140.5920, -15.8660, 12.2140



142.1570, 33.6510, 12.3950



137.2010, 12.0150, -14.0090

Rectangle

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



129.1020, -44.7460, -15.0660



134.1000, -41.2640, -1.0720



142.1570, 33.6510, 12.3950



139.5180, 30.5360, -2.7440

Sweetspot

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



129.1020, -44.7460, -15.0660



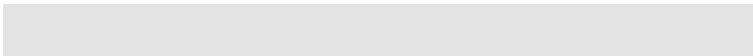
189.4430, -17.6050, -5.8370



121.7260, -21.2210, -39.4370



93.9170, -10.1320, -3.6040



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



129.1020, -44.7460, -15.0660



161.6580, -70.0990, -23.6590



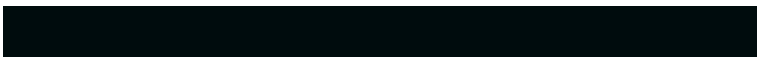
107.3830, -34.5710, 4.2850



74.0210, -4.4930, -1.1730



96.3790, -82.6150, -28.1110



8.5260, -7.4730, -2.2330

Inverse Universe

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



108.1600, 21.5420, 39.1260



128.8050, 33.6880, 61.3040



122.6170, 34.5710, -4.2850



72.1900, 2.5210, 3.8730



57.4780, 39.4630, 72.2870



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 129.1020, -44.7460, -15.0660 looks on a white background.

Color Contrast Check

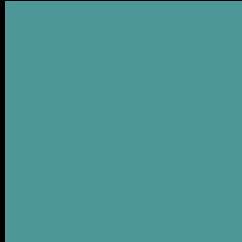
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1020, -44.7460, -15.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

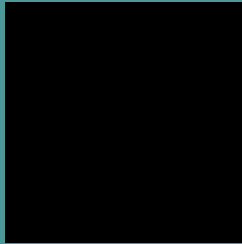
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.1020, -44.7460, -15.0660 Background



This preview shows how black text looks on a background with the YIQ color 129.1020, -44.7460, -15.0660.

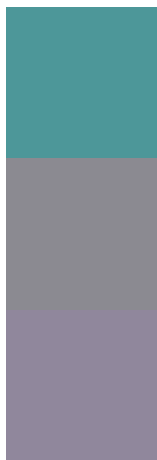


This preview shows how white text looks on a background with the YIQ color 129.1020, -44.7460, -15.0660.

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

129.1020, -44.7460, -15.0660

Protanopia

139.0970, -1.6510, 2.3890

Deuteranopia



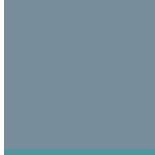

140.0850, -1.3770, 8.4390






Tritanopia

130.4380, -45.5720, -11.1080

Trichromacy

	Original Color 129.1020, -44.7460, -15.0660
	Protanomaly 135.4970, -17.6970, -4.1690
	Deuteranomaly 136.3170, -17.0100, -0.0980
	Tritanomaly 129.7970, -45.2050, -12.2530

Monochromacy

	Original Color 129.1020, -44.7460, -15.0660
	Achromatopsia 129.0000, 0.0000, 0.0000
	Achromatomaly 129.0410, -16.4130, -5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1020, -44.7460, -15.0660 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(77, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(77, 151, 153)  
}
```

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(77, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 153) }
```

Border

The CSS property to change the border of an element to YIQ 129.1020, -44.7460, -15.0660 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(77, 151, 153) }
```


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

```
.border{ border-color:rgb(77, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(77, 151,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1020, -44.7460, -15.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(77, 151, 153) }
```

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

```
.background{ background-color:rgb(77, 151,  
153) }
```

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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