

Converting Colors

YIQ(128.1560, -44.8380,
-13.3980)

Have a look what the booklet for
YIQ(128.1560, -44.8380, -13.3980)
contains.

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Color

**YIQ(128.1560, -44.8380,
-13.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	4D959B
RGB	77, 149, 155
RGB Percent	30%, 58%, 61%
CMY	0.6982, 0.4156, 0.3923
CMYK	0.50, 0.04, 0.00, 0.39
HSL	185°, 34%, 45%
HSV	185°, 50%, 61%
XYZ	19.7218, 25.4455, 34.8619
YIQ	128.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

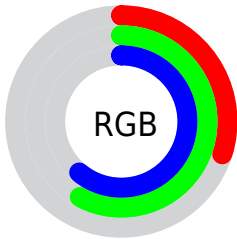
Format	Color
R_{YB}	77, 114, 155
Decimal	5084571
CIE _{Lab}	57.51, -20.83, -10.09
CIE _{LCh}	58, 23.144, 205.839
Yxy	25.4455, 0.2464, 0.3180
Android (android.graphics.Color)	4283274651 (0xFF4D959B)
YUV	128.1560, 13.2341, -44.8638
Hunter-Lab	50.4435, -18.4882, -5.6653

Details

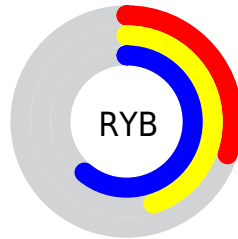
The YIQ color **128.1560, -44.8380, -13.3980** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.8440, 44.8380, 13.3980**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.4550, -44.2420, -13.1860**, and **73.2690, -52.5860, -16.1540** is the 20% darker color. If you saturate the color by 10%, you get **122.7850, -54.0990, -16.2670**, and if you desaturate by 10%, it is **133.2280, -36.1730, -10.7410**.

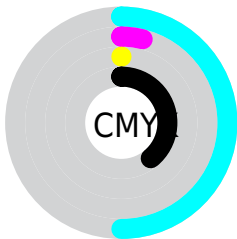
Distribution



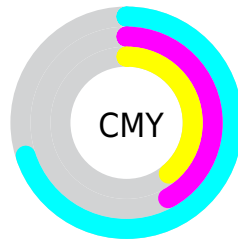
- Red (30%)
- Green (58%)
- Blue (61%)



- Red (30%)
- Yellow (45%)
- Blue (61%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.1560, -44.8380, -13.3980 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 128.1560, -44.8380, -13.3980 by changing the saturation by 10% instead.

■ 128.1560,
-44.8380, -13.3980

■ 128.1560,
-44.8380, -13.3980

■ 255.0000, -0.0000,
-0.0000

■ 101.5580,
-46.0300, -13.8220

■ 182.4550,
-44.2420, -13.1860

■ 73.2690, -52.5860,
-16.1540

■ 210.8570,
-45.4340, -13.6100

■ 52.5580, -46.0300,
-13.8220

■ 234.9670,
-39.9320, -14.2040

■ 36.4350, -32.3220,
-8.9460

■ 243.3390,
-23.2440, -8.2680

■ 22.1870, -19.7600,
-5.3280

■ 252.3090, -5.3640,
-1.9080

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 128.1560,
-44.8380, -13.3980

■ 128.1560,
-44.8380, -13.3980

■ 122.7850,
-54.0990, -16.2670

■ 133.2280,
-36.1730, -10.7410

■ 117.7130,
-62.7640, -18.9240

■ 138.5990,
-26.9120, -7.8720

■ 112.3420,
-72.0250, -21.7930

■ 144.2580,
-18.5220, -5.7380

■ 106.6830,
-80.4150, -23.9270

■ 149.6290, -9.2610,
-2.8690

■ 101.6110,
-89.0800, -26.5840

■ 154.7010, -0.5960,
-0.2120

■ 160.0720, 8.6650,
2.6570

■ 165.1440, 17.3300,
5.3140

■ 170.5150, 26.5910,
8.1830

■ 176.1740, 34.9810,
10.3170

Harmonies

Analogous

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



129.3500, -30.9450, -17.3850



128.1560, -44.8380, -13.3980



130.3120, -44.9770, -5.3690

Triad

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



128.1560, -44.8380, -13.3980



141.0420, 9.3500, 17.7820



137.3490, 23.5220, -7.7900

Complementary

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



128.1560, -44.8380, -13.3980



103.8440, 44.8380, 13.3980

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.



138.8220, 32.7360, 1.4400



128.1560, -44.8380, -13.3980



141.6000, 25.2140, 16.6220

Square

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



128.1560, -44.8380, -13.3980



139.4570, -11.0520, 13.0760



140.1030, 33.7430, 10.7270



134.9340, 8.3930, -14.4470

Rectangle

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



128.1560, -44.8380, -13.3980



133.7200, -37.1380, 1.2460



140.1030, 33.7430, 10.7270



138.0830, 27.3270, -5.1610

Sweetspot

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



128.1560, -44.8380, -13.3980



190.8560, -17.3300, -5.3140



123.3560, -23.0550, -39.2390



96.0310, -10.4530, -3.2930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



128.1560, -44.8380, -13.3980



159.8370, -69.0450, -20.7330



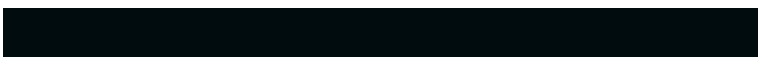
105.8500, -34.3880, 6.4760



74.0210, -4.4930, -1.1730



92.2700, -80.6900, -24.4500



8.5260, -7.4730, -2.2330

Inverse Universe

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



108.5300, 23.3760, 38.9280



129.5340, 35.8890, 59.9610



126.1500, 34.3880, -6.4760



72.1900, 2.5210, 3.8730



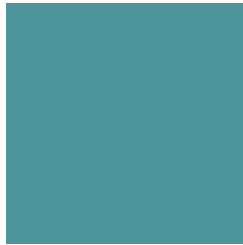
56.6800, 41.7100, 70.1100



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 128.1560, -44.8380, -13.3980 looks on a white background.

Color Contrast Check

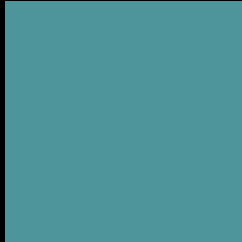
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1560, -44.8380, -13.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

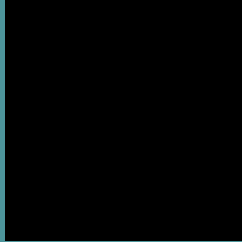
Any Text WCAG AA ✓ Pass

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 128.1560, -44.8380, -13.3980 Background



This preview shows how black text looks on a background with the YIQ color 128.1560, -44.8380, -13.3980.



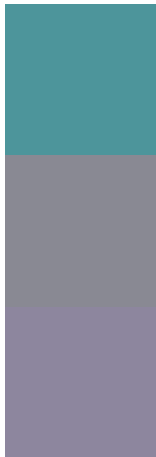
This preview shows how white text looks on a background with the YIQ color 128.1560, -44.8380, -13.3980.

-13.3980.

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

128.1560, -44.8380, -13.3980

Protanopia

138.1400, -3.2100, 3.1100

Deuteranopia

138.8290, -3.5320, 8.9480



Tritanopia

128.7370, -44.9760, -10.8960

Trichromacy



Original Color

128.1560, -44.8380, -13.3980

Protanomaly

134.2520, -18.3850, -2.7130

Deuteranomaly

134.7730, -18.2940, 1.1460

Tritanomaly

128.2100, -44.9300, -11.7300

Monochromacy



Original Color

128.1560, -44.8380, -13.3980

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1550, -16.7340, -5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.1560, -44.8380, -13.3980 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, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(77, 149, 155)  
}
```

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, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 149, 155) }
```

Border

The CSS property to change the border of an element to YIQ 128.1560, -44.8380, -13.3980 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, 149, 155) }
```


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

```
.border{ border-color:rgb(77, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(77, 149,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 128.1560, -44.8380, -13.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 149, 155) }
```

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

```
.background{ background-color: rgb(77, 149,  
155) }
```

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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