

Converting Colors

YIQ(122.7810, -48.2760,
-17.1720)

Have a look what the booklet for
YIQ(122.7810, -48.2760, -17.1720)
contains.

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Color

**YIQ(122.7810, -48.2760,
-17.1720)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 429393 |
| RGB | 66, 147, 147 |
| RGB Percent | 26%, 58%, 58% |
| CMY | 0.7414, 0.4234, 0.4237 |
| CMYK | 0.55, 0.00, 0.00, 0.42 |
| HSL | 180°, 38%, 42% |
| HSV | 180°, 55%, 58% |
| XYZ | 17.9451, 24.1396, 31.2973 |
| YIQ | 122.7810, -48.2760, -17.1720 |

Conversions

Conversions Part 2

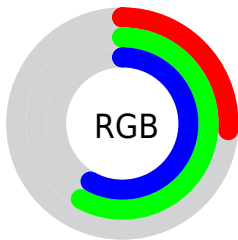
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 66, 107, 147 |
| Decimal | 4363155 |
| CIE _{Lab} | 56.23, -24.49, -7.46 |
| CIE _{LCh} | 56, 25.597, 196.948 |
| Yxy | 24.1396, 0.2445, 0.3290 |
| Android (android.graphics.Color) | 4282553235 (0xFF429393) |
| YUV | 122.7810, 11.9400, -49.7969 |
| Hunter-Lab | 49.1321, -20.7855, -3.3754 |

Details

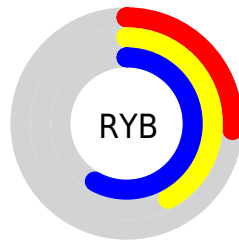
The YIQ color **122.7810, -48.2760, -17.1720** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.2190, 48.2760, 17.1720**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.3790, -47.0840, -16.7480**, and **67.4100, -57.5370, -20.0410** is the 20% darker color. If you saturate the color by 10%, you get **118.2960, -57.2160, -20.3520**, and if you desaturate by 10%, it is **127.2660, -39.3360, -13.9920**.

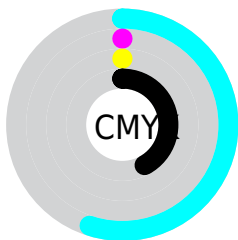
Distribution



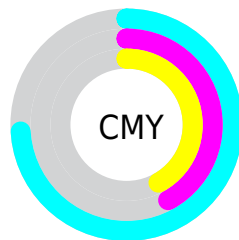
- Red (26%)
- Green (58%)
- Blue (58%)



- Red (26%)
- Yellow (42%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.7810, -48.2760, -17.1720 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 122.7810, -48.2760, -17.1720 by changing the saturation by 10% instead.

■ 122.7810,
-48.2760, -17.1720

■ 122.7810,
-48.2760, -17.1720

■ 255.0000, -0.0000,
-0.0000

■ 95.2860, -51.2560,
-18.2320

■ 177.3790,
-47.0840, -16.7480

■ 67.2960, -57.2160,
-20.3520

■ 205.9660,
-47.3590, -17.2710

■ 50.5860, -43.2330,
-14.9530

■ 231.9770,
-45.8920, -16.3240

■ 34.4630, -29.5250,
-10.0770

■ 240.6480,
-28.6080, -10.1760

■ 20.9160, -17.5590,
-6.6710

■ 249.3190,
-11.3240, -4.0280

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,

0.0000

■ 122.7810,
-48.2760, -17.1720

■ 122.7810,
-48.2760, -17.1720

■ 118.2960,
-57.2160, -20.3520

■ 127.2660,
-39.3360, -13.9920

■ 114.1100,
-65.5600, -23.3200

■ 131.4520,
-30.9920, -11.0240

■ 109.6250,
-74.5000, -26.5000

■ 135.9370,
-22.0520, -7.8440

■ 105.1400,
-83.4400, -29.6800

■ 140.4220,
-13.1120, -4.6640

■ 103.0470,
-87.6120, -31.1640

■ 144.6080, -4.7680,
-1.6960

■ 149.0930, 4.1720,
1.4840

■ 153.5780, 13.1120,
4.6640

■ 158.0630, 22.0520,
7.8440

■ 162.2490, 30.3960,
10.8120

Harmonies

Analogous

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



125.5520, -28.6980, -19.5620



122.7810, -48.2760, -17.1720



123.8870, -54.1460, -9.9060

Triad

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



122.7810, -48.2760, -17.1720



137.9320, 3.8480, 18.3760



134.3390, 29.4820, -5.6700

Complementary

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



122.7810, -48.2760, -17.1720



90.2190, 48.2760, 17.1720

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.



135.9690, 36.8160, 4.5920



122.7810, -48.2760, -17.1720



138.1100, 23.8380, 19.5340

Square

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



122.7810, -48.2760, -17.1720



135.3250, -19.4880, 11.7760



137.3960, 34.4760, 13.9640



132.1690, 15.0410, -13.7830

Rectangle

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



122.7810, -48.2760, -17.1720



127.5230, -46.9490, -2.6690



137.3960, 34.4760, 13.9640



135.1870, 32.9660, -2.7300

Sweetspot

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



122.7810, -48.2760, -17.1720



181.4320, -19.0720, -6.7840



113.8460, -21.6790, -42.1510



91.3190, -11.3240, -4.0280



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



122.7810, -48.2760, -17.1720



153.3260, -75.0960, -26.7120



99.8880, -37.5510, 3.2250



71.9070, -4.1720, -1.4840



96.7380, -82.2480, -29.2560



7.0100, -5.9600, -2.1200

Inverse Universe

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



90.2190, 48.2760, 17.1720



102.6740, 75.0960, 26.7120



113.1120, 37.5510, -3.2250



69.0930, 4.1720, 1.4840



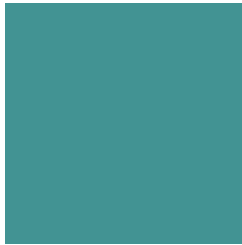
41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 122.7810, -48.2760, -17.1720 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 122.7810, -48.2760, -17.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

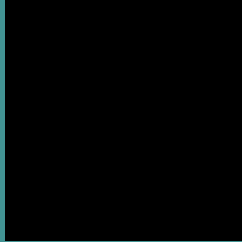
Any Text WCAG AA ✓ Pass

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 122.7810, -48.2760, -17.1720 Background



This preview shows how black text looks on a background with the YIQ color 122.7810, -48.2760, -17.1720.

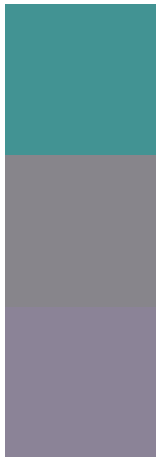


This preview shows how white text looks on a background with the YIQ color 122.7810, -48.2760, -17.1720.

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

122.7810, -48.2760, -17.1720

Protanopia

134.2820, -0.7340, 2.2900

Deuteranopia

135.6720, -1.6520, 7.9160



Tritanopia

123.9430, -48.5520, -12.1680

Trichromacy



Original Color

122.7810, -48.2760, -17.1720

Protanomaly

130.0840, -17.9720, -4.6920

Deuteranomaly

131.0070, -19.0730, -1.2570

Tritanomaly

123.7750, -48.1390, -14.1470

Monochromacy



Original Color

122.7810, -48.2760, -17.1720

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0300, -17.8800, -6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7810, -48.2760, -17.1720 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(66, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(66, 147, 147)  
}
```

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(66, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 147, 147) }
```

Border

The CSS property to change the border of an element to YIQ 122.7810, -48.2760, -17.1720 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(66, 147, 147) }
```


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

```
.border{ border-color:rgb(66, 147, 147) }
```

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

Here you see how a box with a 4 pixel rgb(66, 147, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(66, 147,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7810, -48.2760, -17.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 147, 147) }
```

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

```
.background{ background-color: rgb(66, 147,  
147) }
```

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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