

Converting Colors

YIQ(127.1710, -22.8310,
-10.2470)

Have a look what the booklet for
YIQ(127.1710, -22.8310, -10.2470)
contains.

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Color

**YIQ(127.1710, -22.8310,
-10.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	638C87
RGB	99, 140, 135
RGB Percent	39%, 55%, 53%
CMY	0.6119, 0.4509, 0.4707
CMYK	0.29, 0.00, 0.04, 0.45
HSL	173°, 17%, 47%
HSV	173°, 29%, 55%
XYZ	18.8950, 23.1611, 26.3882
YIQ	127.1710, -22.8310, -10.2470

Conversions

Conversions Part 2

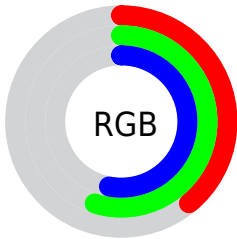
Format	Color
R_{YB}	99, 121, 140
Decimal	6524039
CIE _{Lab}	55.24, -15.25, -1.87
CIE _{LCh}	55, 15.360, 186.994
Yxy	23.1611, 0.2761, 0.3384
Android (android.graphics.Color)	4284714119 (0xFF638C87)
YUV	127.1710, 3.8597, -24.7060
Hunter-Lab	48.1259, -14.1384, 1.1786

Details

The YIQ color **127.1710, -22.8310, -10.2470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.8290, 22.8310, 10.2470**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4590, -23.7020, -10.9820**, and **77.4700, -22.2350, -10.0350** is the 20% darker color. If you saturate the color by 10%, you get **122.7570, -30.5330, -13.8370**, and if you desaturate by 10%, it is **131.5850, -15.1290, -6.6570**.

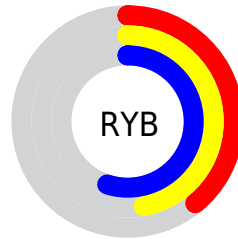
Distribution



Red (39%)

Green (55%)

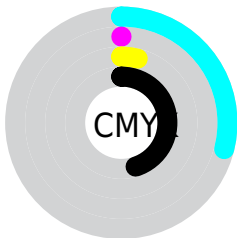
Blue (53%)



Red (39%)

Yellow (47%)

Blue (55%)

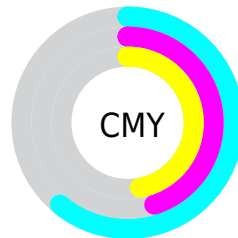


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1710, -22.8310, -10.2470 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 127.1710, -22.8310, -10.2470 by changing the saturation by 10% instead.

■ 127.1710,
-22.8310, -10.2470

■ 127.1710,
-22.8310, -10.2470

■ 255.0000, -0.0000,
-0.0000

■ 101.5840,
-22.5560, -9.7240

■ 180.4590,
-23.7020, -10.9820

■ 77.4700, -22.2350,
-10.0350

■ 208.1600,
-24.2980, -11.1940

■ 53.5840, -22.5560,
-9.7240

■ 236.1600,
-24.2980, -11.1940

■ 30.6870, -24.3440,
-10.3600

■ 248.7210,
-12.5160, -4.4520

■ 16.9550, -13.2950,
-6.8550

■ 0.0000, 0.0000,
0.0000

■ 127.1710,
-22.8310, -10.2470

■ 127.1710,
-22.8310, -10.2470

■ 122.7570,
-30.5330, -13.8370

■ 131.5850,
-15.1290, -6.6570

■ 118.4570,
-38.5560, -17.1160

■ 135.8850, -7.1060,
-3.3780

■ 114.0430,
-46.2580, -20.7060

■ 140.2990, 0.5960,
0.2120

■ 109.6290,
-53.9600, -24.2960

■ 144.7130, 8.2980,
3.8020

■ 105.2150,
-61.6620, -27.8860

■ 149.1270, 16.0000,
7.3920

■ 100.9150,
-69.6850, -31.1650

■ 153.4270, 24.0230,
10.6710

■ 96.5010, -77.3870,
-34.7550


■ 157.8410, 31.7250,
14.2610

■ 96.2020, -77.9830,

■ 162.2550, 39.4270,

-34.9670

17.8510

 166.5550, 47.4500,
21.1300

Harmonies

Analogous

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



128.2770, -11.5060, -11.7460



127.1710, -22.8310, -10.2470



127.4680, -27.9210, -6.1050

Triad

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



127.1710, -22.8310, -10.2470



134.1390, -1.4690, 10.1070



132.8960, 20.7240, -1.1320

Complementary

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



127.1710, -22.8310, -10.2470



111.8290, 22.8310, 10.2470

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.



133.6670, 23.1070, 5.2430



127.1710, -22.8310, -10.2470



134.5380, 10.5890, 11.8450

Square

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



127.1710, -22.8310, -10.2470



131.6750, -14.9020, 5.7540



134.5620, 19.2090, 9.8090



131.1290, 12.5180, -6.6020

Rectangle

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



127.1710, -22.8310, -10.2470



128.7610, -27.1880, -2.8680



134.5620, 19.2090, 9.8090



133.4340, 22.1450, 0.6490

Sweetspot

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



127.1710, -22.8310, -10.2470



175.9880, -8.8940, -4.0140



124.5620, -8.2950, -20.3830



88.8960, -5.6390, -2.4310



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



127.1710, -22.8310, -10.2470



161.2510, -34.9800, -15.8440



118.9360, -20.3110, -0.8470



66.7930, -3.8510, -1.7950



91.2950, -73.8110, -33.4830



3.3910, -2.6590, -1.3710

Inverse Universe

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



111.8290, 22.8310, 10.2470



137.6350, 35.3010, 15.5330



120.0640, 20.3110, 0.8470



64.2070, 3.8510, 1.7950



41.5910, 74.1320, 33.1720



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 127.1710, -22.8310, -10.2470 looks on a white background.

Color Contrast Check

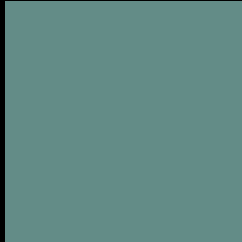
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1710, -22.8310, -10.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

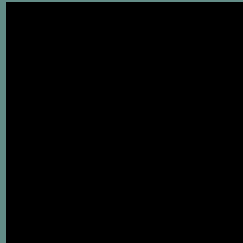
Any Text WCAG AA ✓ Pass

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 127.1710, -22.8310, -10.2470 Background



This preview shows how black text looks on a background with the YIQ color 127.1710, -22.8310, -10.2470.



This preview shows how white text looks on a background with the YIQ color 127.1710, -22.8310, -10.2470.

-10.2470.

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

127.1710, -22.8310, -10.2470

Protanopia

132.0820, 2.7050, 0.5370

Deuteranopia

133.3260, 5.1340, 6.0780



Tritanopia

128.4900, -24.9870, -4.2110

Trichromacy



Original Color

127.1710, -22.8310, -10.2470

Protanomaly

130.1840, -6.5100, -3.1660

Deuteranomaly

130.7760, -5.1810, 0.2830

Tritanomaly

128.2080, -24.2530, -6.5010

Monochromacy



Original Color

127.1710, -22.8310, -10.2470

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2870, -8.2980, -3.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1710, -22.8310, -10.2470 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(99, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(99, 140, 135)  
}
```

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(99, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 140, 135) }
```

Border

The CSS property to change the border of an element to YIQ 127.1710, -22.8310, -10.2470 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(99, 140, 135) }
```


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

```
.border{ border-color:rgb(99, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(99, 140,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1710, -22.8310, -10.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 140, 135) }
```

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

```
.background{ background-color: rgb(99, 140,  
135) }
```

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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