

Converting Colors

YIQ(121.8280, -10.9590, 5.8810)

Have a look what the booklet for
YIQ(121.8280, -10.9590, 5.8810)
contains.

YIQ(121.8280, -10.9590, 5.8810)	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(121.8280, -10.9590,
5.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	737990
RGB	115, 121, 144
RGB Percent	45%, 47%, 56%
CMY	0.5490, 0.5255, 0.4354
CMYK	0.20, 0.16, 0.00, 0.44
HSL	228°, 12%, 51%
HSV	228°, 20%, 56%
XYZ	18.9408, 19.3333, 29.1127
YIQ	121.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

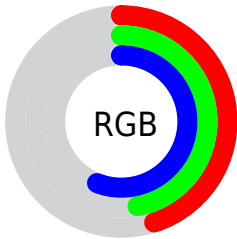
Format	Color
R_{YB}	115, 120, 144
Decimal	7567760
CIE Lab	51.07, 2.93, -13.20
CIE LCh	51, 13.522, 282.529
Yxy	19.3333, 0.2811, 0.2869
Android (android.graphics.Color)	4285757840 (0xFF737990)
YUV	121.8280, 10.9308, -5.9882
Hunter-Lab	43.9697, -0.0548, -8.4776

Details

The YIQ color $[121.8280, -10.9590, 5.8810]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[137.1720, 10.9590, -5.8810]$, and the grayscale version is $[122.0000, 0.0000, -0.0000]$.

A 20% lighter version of the original color is $[174.0560, -11.6010, 6.5030]$, and $[73.3010, -10.9130, 5.0470]$ is the 20% darker color. If you saturate the color by 10%, you get $[111.1850, -16.2780, 8.6660]$, and if you desaturate by 10%, it is $[132.4710, -5.6400, 3.0960]$.

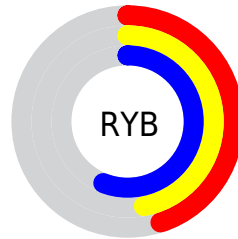
Distribution



Red (45%)

Green (47%)

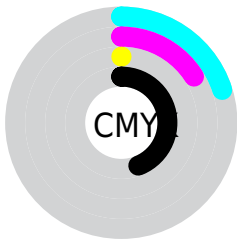
Blue (56%)



Red (45%)

Yellow (47%)

Blue (56%)

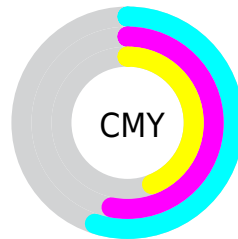


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8280, -10.9590, 5.8810 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 121.8280, -10.9590, 5.8810 by changing the saturation by 10% instead.

■ 121.8280,
-10.9590, 5.8810

■ 121.8280,
-10.9590, 5.8810

■ 255.0000, -0.0000,
-0.0000

■ 96.7140, -10.6380,
5.5700

■ 174.0560,
-11.6010, 6.5030

■ 73.3010, -10.9130,
5.0470

■ 202.0560,
-11.6010, 6.5030

■ 50.4860, -9.9960,
4.9480

■ 230.0560,
-11.6010, 6.5030

■ 29.0730, -10.2710,
4.4250

■ 253.8040, -2.3840,
-0.8480

■ 4.8390, -9.4920,
6.8280

■ 0.0000, 0.0000,
0.0000

■ 121.8280,
-10.9590, 5.8810

■ 121.8280,
-10.9590, 5.8810

■ 111.1850,
-16.2780, 8.6660

■ 132.4710, -5.6400,
3.0960

■ 99.6560, -21.9180,
11.7620

■ 144.0000, -0.0000,
0.0000

■ 89.0130, -27.2370,
14.5470

■ 154.6430, 5.3190,
-2.7850

■ 77.4840, -32.8770,
17.6430

■ 166.1720, 10.9590,
-5.8810

■ 66.8410, -38.1960,
20.4280

■ 176.8150, 16.2780,
-8.6660

■ 56.1980, -43.5150,
23.2130

■ 188.0450, 21.3220,
-11.9740

■ 44.6690, -49.1550,
26.3090

■ 198.9870, 27.2370,
-14.5470

■ 34.0260, -54.4740,

■ 209.6300, 32.5560,

29.0940

-17.3320

■ 221.1590, 38.1960,
-20.4280

Harmonies

Analogous

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



119.8760, -20.0820, 0.5100



121.8280, -10.9590, 5.8810



123.3950, 0.6860, 9.5980

Triad

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



121.8280, -10.9590, 5.8810



122.7590, 19.8520, 3.6600



118.0320, -12.1940, -10.2900

Complementary

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



121.8280, -10.9590, 5.8810



137.1720, 10.9590, -5.8810

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.



119.3060, -1.2820, -9.8100



121.8280, -10.9590, 5.8810



122.2160, 16.8270, -2.0930

Square

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



121.8280, -10.9590, 5.8810



123.9100, 18.1090, 7.7170



120.5740, 9.7670, -6.3050



117.0080, -20.8140, -8.2540

Rectangle

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



121.8280, -10.9590, 5.8810



123.8150, 8.2510, 10.1630



120.5740, 9.7670, -6.3050



118.2990, -8.5720, -9.8520

Sweetspot

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



121.8280, -10.9590, 5.8810



177.4280, -4.0810, 2.3750



134.6450, -15.3580, -8.0140



89.2710, -2.2010, 1.3430



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.8280, -10.9590, 5.8810



152.0000, -17.1950, 8.7650



120.6980, -4.5410, 10.7150



65.9720, -2.7970, 1.1310



31.8260, -51.0350, 27.3410



2.0860, -3.1180, 1.4420

Inverse Universe

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



124.3550, 15.3580, 8.0140



155.5950, 23.6100, 12.6500



138.3020, 4.5410, -10.7150



66.3210, 3.5300, 2.1060



43.5570, 71.4720, 37.3280



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 121.8280, -10.9590, 5.8810 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 121.8280, -10.9590, 5.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

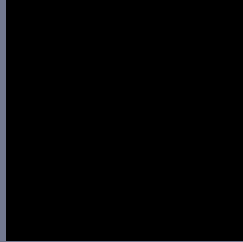
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

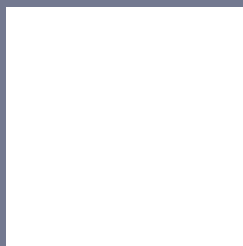
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.8280, -10.9590, 5.8810

Background



This preview shows how black text looks on a background with the YIQ color 121.8280, -10.9590, 5.8810.



This preview shows how white text looks on a background with the YIQ color 121.8280, -10.9590,

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

121.8280, -10.9590, 5.8810

Protanopia

121.8390, -9.4920, 6.8280

Deuteranopia

122.7470, -6.2370, 8.4110



Tritanopia

121.1500, -9.1700, 0.9900

Trichromacy



Original Color

121.8280, -10.9590, 5.8810

Protanomaly

121.5400, -10.0880, 6.6160

Deuteranomaly

122.4370, -8.3000, 7.2520

Tritanomaly

121.3180, -9.5830, 2.9690

Monochromacy



Original Color

121.8280, -10.9590, 5.8810

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8280, -10.9590, 5.8810 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(115, 121, 144)` looks like.

```
.text, #text, p{  
    color:rgb(115, 121, 144)  
}
```

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(115, 121, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 121, 144) }
```

Border

The CSS property to change the border of an element to YIQ 121.8280, -10.9590, 5.8810 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(115, 121, 144) }
```


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

```
.border{ border-color:rgb(115, 121, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 121, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 121, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 121, 144);  
box-shadow:4px 4px 4px 4px rgb(115, 121,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8280, -10.9590, 5.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 121, 144) }
```

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

```
.background{ background-color: rgb(115,  
121, 144) }
```

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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