

Converting Colors

YIQ(93.1820, -3.0280, 10.8280)

Have a look what the booklet for
YIQ(93.1820, -3.0280, 10.8280)
contains.

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Color

**YIQ(93.1820, -3.0280,
10.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	615773
RGB	97, 87, 115
RGB Percent	38%, 34%, 45%
CMY	0.6196, 0.6588, 0.5491
CMYK	0.16, 0.24, 0.00, 0.55
HSL	261°, 14%, 40%
HSV	261°, 24%, 45%
XYZ	11.4328, 10.5953, 17.6596
YIQ	93.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

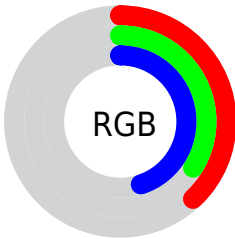
Format	Color
R_{YB}	97, 87, 115
Decimal	6379379
CIE _{Lab}	38.89, 10.22, -14.43
CIE _{LCh}	39, 17.684, 305.307
Yxy	10.5953, 0.2881, 0.2670
Android (android.graphics.Color)	4284569459 (0xFF615773)
YUV	93.1820, 10.7563, 3.3484
Hunter-Lab	32.5504, 5.7318, -9.3813

Details

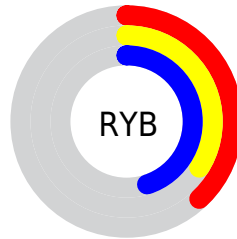
The YIQ color $93.1820, -3.0280, 10.8280$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $108.8180, 3.0280, -10.8280$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $143.7090, -3.0740, 11.6620$, and $47.2420, -3.2570, 9.4710$ is the 20% darker color. If you saturate the color by 10%, you get $84.0450, -3.9000, 15.6200$, and if you desaturate by 10%, it is $101.7320, -1.8810, 6.5590$.

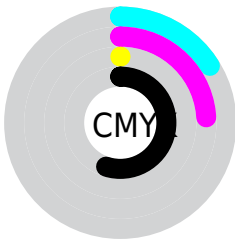
Distribution



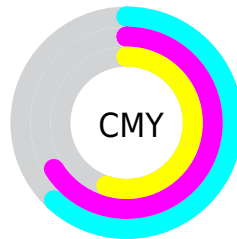
- Red (38%)
- Green (34%)
- Blue (45%)



- Red (38%)
- Yellow (34%)
- Blue (45%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.1820, -3.0280, 10.8280 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 93.1820, -3.0280, 10.8280 by changing the saturation by 10% instead.

■ 93.1820, -3.0280,
10.8280

■ 93.1820, -3.0280,
10.8280

■ 255.0000, -0.0000,
-0.0000

■ 69.6550, -2.9820,
9.9940

■ 143.7090, -3.0740,
11.6620

■ 47.2420, -3.2570,
9.4710

■ 170.1220, -2.7990,
12.1850

■ 26.1280, -2.9360,
9.1600

■ 197.2360, -3.1200,
12.4960

■ 2.7360, -7.7040,
7.4640

■ 225.3500, -3.4410,
12.8070

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.4750,
4.7070

■ 93.1820, -3.0280,
10.8280

■ 93.1820, -3.0280,
10.8280

■ 84.0450, -3.9000,
15.6200

■ 101.7320, -1.8810,
6.5590

■ 75.1960, -5.6430,
19.6770

■ 111.1680, -0.4130,
1.9790

■ 66.6460, -6.7900,
23.9460

■ 119.7180, 0.7340,
-2.2900

■ 57.2100, -8.2580,
28.5260

■ 129.1540, 2.2020,
-6.8700

■ 48.6600, -9.4050,
32.7950

■ 137.7040, 3.3490,
-11.1390

■ 39.5230, -10.2770,
37.5870

■ 146.8410, 4.2210,
-15.9310

■ 30.6740, -12.0200,
41.6440

■ 155.6900, 5.9640,
-19.9880

■ 25.3690, -12.4790,

■ 164.8270, 6.8360,

44.4570

-24.7800

■ 173.3770, 7.9830,
-29.0490

Harmonies

Analogous

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



90.7070, -17.9280, 5.5280



93.1820, -3.0280, 10.8280



94.0650, 10.5430, 12.6790

Triad

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



93.1820, -3.0280, 10.8280



92.0810, 21.6410, -1.2310



85.2630, -26.0860, -11.8300

Complementary

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



93.1820, -3.0280, 10.8280



108.8180, 3.0280, -10.8280

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.



87.1520, -12.6520, -13.0040



93.1820, -3.0280, 10.8280



90.2000, 13.7560, -7.0120

Square

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



93.1820, -3.0280, 10.8280



92.9660, 23.7030, 5.4550



89.2200, 1.8360, -11.2520



84.7770, -33.2850, -8.0130

Rectangle

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



93.1820, -3.0280, 10.8280



93.5450, 17.8790, 11.8870



89.2200, 1.8360, -11.2520



85.3020, -21.8220, -12.0140

Sweetspot

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



93.1820, -3.0280, 10.8280



142.3360, -0.8260, 3.9580



100.7580, -13.9380, -0.7060



71.6950, -0.4590, 2.8130



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



93.1820, -3.0280, 10.8280



116.3870, -4.8630, 16.5530



97.3680, 5.3160, 13.7960



54.2820, -0.7340, 2.2900



27.0640, -12.9380, 47.2700



55.1110, -27.2060, 96.6180

Inverse Universe

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



97.4240, 10.9100, 11.5340



123.0490, 16.6400, 17.8240



104.6320, -5.3160, -13.7960



55.2500, 2.2920, 2.5160



45.4840, 47.3530, 50.4330



93.1040, 97.3190, 103.0710

Previews

White Background



This preview shows how the YIQ color 93.1820, -3.0280, 10.8280 looks on a white 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

Black Background



This preview shows how the YIQ color 93.1820, -3.0280, 10.8280 looks on a black 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

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

YIQ 93.1820, -3.0280, 10.8280

Background



This preview shows how black text looks on a background with the YIQ color 93.1820, -3.0280, 10.8280.



This preview shows how white text looks on a background with the YIQ color 93.1820, -3.0280,

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

93.1820, -3.0280, 10.8280

Protanopia

92.2840, -12.2430, 7.1250

Deuteranopia

92.4370, -8.3000, 7.2520



Tritanopia

91.9940, 0.1370, 3.0250

Trichromacy



Original Color

93.1820, -3.0280, 10.8280

Protanomaly

92.7790, -9.2630, 8.1850

Deuteranomaly

92.7470, -6.2370, 8.4110

Tritanomaly

92.5040, -1.2390, 5.9370

Monochromacy



Original Color

93.1820, -3.0280, 10.8280

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0370, -1.4220, 3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.1820, -3.0280, 10.8280 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(97, 87, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 87, 115)  
}
```

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(97, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 87, 115) }
```

Border

The CSS property to change the border of an element to YIQ 93.1820, -3.0280, 10.8280 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(97, 87, 115) }
```


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

```
.border{ border-color:rgb(97, 87, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 87, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 87,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1820, -3.0280, 10.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 87, 115) }
```

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

```
.background{ background-color: rgb(97, 87,  
115) }
```

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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