

Converting Colors

YIQ(57.2910, 30.5780, 18.5300)

Have a look what the booklet for
YIQ(57.2910, 30.5780, 18.5300)
contains.

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Color

**YIQ(57.2910, 30.5780,
18.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	622537
RGB	98, 37, 55
RGB Percent	38%, 15%, 22%
CMY	0.6155, 0.8550, 0.7842
CMYK	0.00, 0.62, 0.44, 0.62
HSL	342°, 45%, 26%
HSV	342°, 62%, 38%
XYZ	6.3923, 4.1965, 4.0910
YIQ	57.2910, 30.5780, 18.5300

Conversions

Conversions Part 2

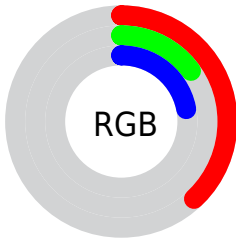
Format	Color
RYB	98, 37, 55
Decimal	6432055
CIELab	24.31, 29.58, 2.52
CIElCh	24, 29.687, 4.860
Yxy	4.1965, 0.4354, 0.2859
Android (android.graphics.Color)	4284622135 (0xFF622537)
YUV	57.2910, -1.1295, 35.7018
Hunter-Lab	20.4854, 19.8501, 2.4995

Details

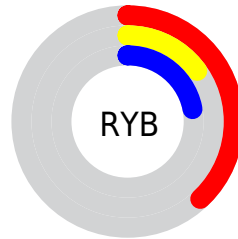
The YIQ color **57.2910, 30.5780, 18.5300** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **77.7090, -30.5780, -18.5300**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6720, 33.8790, 19.2790**, and **15.9050, 25.6730, 13.8090** is the 20% darker color. If you saturate the color by 10%, you get **50.6230, 35.5750, 21.5830**, and if you desaturate by 10%, it is **63.9590, 25.5810, 15.4770**.

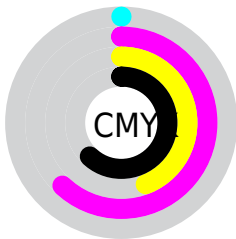
Distribution



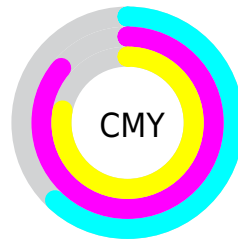
- Red (38%)
- Green (15%)
- Blue (22%)



- Red (38%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (44%)
- Black (62%)



- Cyan (62%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2910, 30.5780, 18.5300 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 57.2910, 30.5780, 18.5300 by changing the saturation by 10% instead.

■ 57.2910, 30.5780,
18.5300

■ 57.2910, 30.5780,
18.5300

■ 255.0000, -0.0000,
-0.0000

■ 33.0350, 28.4230,
19.0390

■ 106.6720, 33.8790,
19.2790

■ 15.9050, 25.6730,
13.8090

■ 132.5690, 35.6670,
19.9150

■ 3.8870, 7.7480,
2.7560

■ 159.0530, 37.1800,
20.0280

■ 0.0000, 0.0000,
0.0000

■ 186.6510, 38.3720,
20.4520

■ 211.3730, 33.2830,
19.0670

■ 231.0010, 16.5950,

13.1310

250.3040, 2.2000,
4.1840

57.2910, 30.5780,
18.5300

57.2910, 30.5780,
18.5300

50.6230, 35.5750,
21.5830

63.9590, 25.5810,
15.4770

43.9550, 40.5720,
24.6360

70.6270, 20.5840,
12.4240

37.8740, 45.2940,
27.1660

76.7080, 15.8620,
9.8940

32.6080, 49.0990,
29.7950

83.3760, 10.8650,
6.8410

90.0440, 5.8680,
3.7880

■ 96.5980, 1.1920,
0.4240

■ 103.2660, -3.8050,
-2.6290

■ 109.3470, -8.5270,
-5.1590

■ 116.0150,
-13.5240, -8.2120

Harmonies

Analogous

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



59.1570, 16.4560, 21.1600



57.2910, 30.5780, 18.5300



56.5330, 35.3480, 9.1720

Triad

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



57.2910, 30.5780, 18.5300



52.5910, 1.9290, -18.4470



49.3270, -49.3330, -3.5170

Complementary

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



57.2910, 30.5780, 18.5300



77.7090, -30.5780, -18.5300

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.



49.3780, -45.3430, -9.7510



57.2910, 30.5780, 18.5300



44.8570, -28.2390, -22.3750

Square

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



57.2910, 30.5780, 18.5300



54.8060, 20.4970, -13.5430



47.4570, -38.5560, -17.1160



50.4470, -40.6230, 3.8330

Rectangle

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



57.2910, 30.5780, 18.5300



56.5940, 33.3780, 0.8180



47.4570, -38.5560, -17.1160



49.4580, -48.3240, -5.2840

Sweetspot

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



57.2910, 30.5780, 18.5300



111.2730, 12.6530, 7.4770



56.8110, 6.0470, 28.0870



53.9410, 7.6560, 4.4240



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



57.2910, 30.5780, 18.5300



63.8960, 48.2280, 29.0600



62.2830, 33.0560, 6.6560



45.3100, 2.0630, 1.1590



37.2500, 56.1590, 34.0070



79.8540, 120.2490, 72.9610

Inverse Universe

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



57.2910, 30.5780, 18.5300



63.8960, 48.2280, 29.0600



72.7170, -33.0560, -6.6560



45.3100, 2.0630, 1.1590



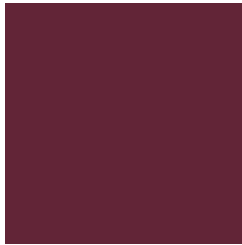
37.2500, 56.1590, 34.0070



79.8540, 120.2490, 72.9610

Previews

White Background



This preview shows how the YIQ color 57.2910, 30.5780, 18.5300 looks on a white background.

Color Contrast Check

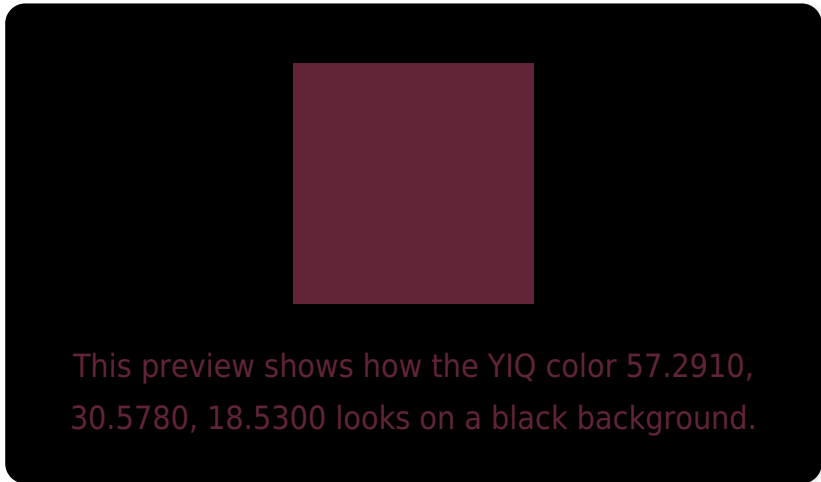
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

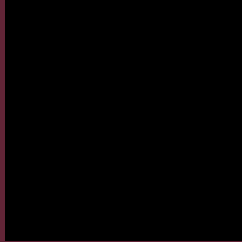
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.2910, 30.5780, 18.5300

Background



This preview shows how black text looks on a background with the YIQ color 57.2910, 30.5780, 18.5300.



This preview shows how white text looks on a background with the YIQ color 57.2910, 30.5780,

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

57.2910, 30.5780, 18.5300

Protanopia

58.7270, -3.4850, 2.5870

Deuteranopia

59.4200, 7.5650, 0.5650



Tritanopia

57.2710, 33.3300, 12.7060

Trichromacy



Original Color

57.2910, 30.5780, 18.5300

Protanomaly

58.0600, 8.9390, 8.7070

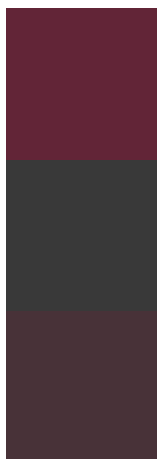
Deuteranomaly

58.7140, 15.7250, 6.8690

Tritanomaly

57.2540, 32.0000, 14.7840

Monochromacy



Original Color

57.2910, 30.5780, 18.5300

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2620, 11.1860, 6.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2910, 30.5780, 18.5300 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(98, 37, 55)` looks like.

```
.text, #text, p{  
    color:rgb(98, 37, 55)  
}
```

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(98, 37, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 37, 55) }
```

Border

The CSS property to change the border of an element to YIQ 57.2910, 30.5780, 18.5300 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(98, 37, 55) }
```


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

```
.border{ border-color:rgb(98, 37, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 37, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 37, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 37, 55);  
box-shadow:4px 4px 4px 4px rgb(98, 37, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.2910, 30.5780, 18.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 37, 55) }
```

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

```
.background{ background-color: rgb(98, 37,  
55) }
```

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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