

Converting Colors

YIQ(58.5020, 28.6060, 21.2300)

Have a look what the booklet for
YIQ(58.5020, 28.6060, 21.2300)
contains.

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Color

**YIQ(58.5020, 28.6060,
21.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	63253F
RGB	99, 37, 63
RGB Percent	39%, 15%, 25%
CMY	0.6116, 0.8550, 0.7528
CMYK	0.00, 0.63, 0.36, 0.61
HSL	335°, 46%, 27%
HSV	335°, 63%, 39%
XYZ	6.7088, 4.3357, 5.1894
YIQ	58.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

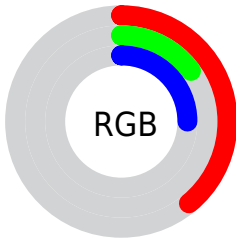
Format	Color
R_{YB}	99, 37, 63
Decimal	6497599
CIE _{Lab}	24.75, 30.98, -2.25
CIE _{LCh}	25, 31.064, 355.843
Yxy	4.3357, 0.4133, 0.2671
Android (android.graphics.Color)	4284687679 (0xFF63253F)
YUV	58.5020, 2.2175, 35.5167
Hunter-Lab	20.8223, 21.0724, -0.2009

Details

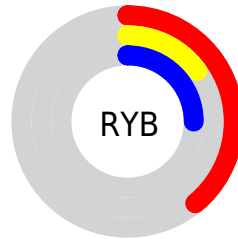
The YIQ color **58.5020, 28.6060, 21.2300** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.4980, -28.6060, -21.2300**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9970, 31.5860, 22.2900**, and **17.0450, 22.4630, 16.9190** is the 20% darker color. If you saturate the color by 10%, you get **51.9480, 33.2820, 24.5940**, and if you desaturate by 10%, it is **65.0560, 23.9300, 17.8660**.

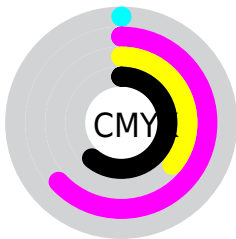
Distribution



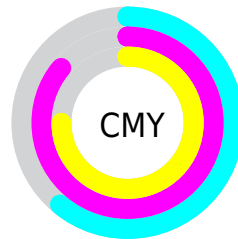
- Red (39%)
- Green (15%)
- Blue (25%)



- Red (39%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (61%)



- Cyan (61%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.5020, 28.6060, 21.2300 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 58.5020, 28.6060, 21.2300 by changing the saturation by 10% instead.

■ 58.5020, 28.6060,
21.2300

■ 58.5020, 28.6060,
21.2300

■ 255.0000, -0.0000,
-0.0000

■ 33.8440, 27.6430,
22.1630

■ 107.9970, 31.5860,
22.2900

■ 17.3440, 23.0590,
17.1310

■ 133.8940, 33.3740,
22.9260

■ 5.6810, 11.3240,
4.0280

■ 160.4920, 34.5660,
23.3500

■ 0.0000, 0.0000,
0.0000

■ 188.0900, 35.7580,
23.7740

■ 212.5130, 30.0730,
22.1770

■ 232.7280, 13.1100,

15.7180

250.3040, 2.2000,
4.1840

58.5020, 28.6060,
21.2300

58.5020, 28.6060,
21.2300

51.9480, 33.2820,
24.5940

65.0560, 23.9300,
17.8660

45.5080, 37.6370,
28.2690

71.6100, 19.2540,
14.5020

38.9540, 42.3130,
31.6330

78.0500, 14.8990,
10.8270

34.3890, 45.5220,
34.0500

84.6040, 10.2230,
7.4630

90.5710, 5.8220,
4.6220

■ 97.1250, 1.1460,
1.2580

■ 103.5650, -3.2090,
-2.4170

■ 110.1190, -7.8850,
-5.7810

■ 116.6730,
-12.5610, -9.1450

Harmonies

Analogous

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



60.6340, 10.6790, 21.2310



58.5020, 28.6060, 21.2300



57.6520, 36.6310, 13.4550

Triad

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



58.5020, 28.6060, 21.2300



53.7120, 8.8980, -18.0940



50.9740, -49.8370, -5.3970

Complementary

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



58.5020, 28.6060, 21.2300



77.4980, -28.6060, -21.2300

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.



50.0960, -44.6090, -12.0410



58.5020, 28.6060, 21.2300



49.1310, -17.3270, -21.8950

Square

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



58.5020, 28.6060, 21.2300



55.7960, 26.4570, -11.4230



47.3600, -36.9050, -19.5050



48.3640, -50.7550, 0.2290

Rectangle

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



58.5020, 28.6060, 21.2300



57.1970, 36.1740, 5.2140



47.3600, -36.9050, -19.5050



50.9910, -48.5070, -7.4750

Sweetspot

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



58.5020, 28.6060, 21.2300



111.6150, 11.6900, 8.4100



54.5330, 0.9580, 26.7020



54.1690, 7.0140, 5.0460



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.



58.5020, 28.6060, 21.2300



65.2640, 44.3760, 32.7920



57.8860, 35.8520, 11.0520



45.4240, 1.7420, 1.4700



38.8460, 51.6650, 38.3610



83.2740, 110.6190, 82.2910

Inverse Universe

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



58.5020, 28.6060, 21.2300



65.2640, 44.3760, 32.7920



78.1140, -35.8520, -11.0520



45.4240, 1.7420, 1.4700



38.8460, 51.6650, 38.3610



83.2740, 110.6190, 82.2910

Previews

White Background



This preview shows how the YIQ color 58.5020, 28.6060, 21.2300 looks on a white background.

Color Contrast Check

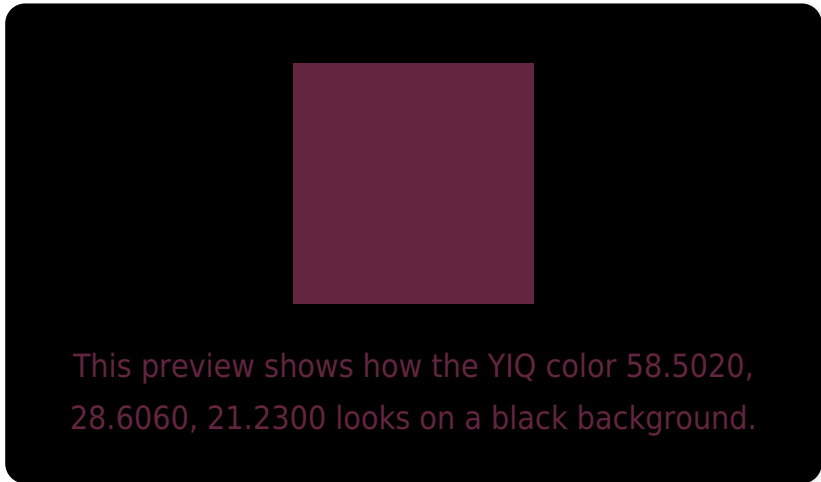
Large Text (above 18pt) WCAG AA ✓ Pass

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

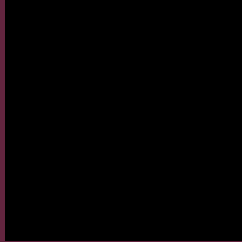
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.5020, 28.6060, 21.2300

Background



This preview shows how black text looks on a background with the YIQ color 58.5020, 28.6060, 21.2300.



This preview shows how white text looks on a background with the YIQ color 58.5020, 28.6060,

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

58.5020, 28.6060, 21.2300

Protanopia

59.8560, -8.1620, 4.7500

Deuteranopia

60.3210, 3.5300, 2.1060



Tritanopia

58.3850, 33.0090, 13.0170

Trichromacy



Original Color

58.5020, 28.6060, 21.2300

Protanomaly

59.3740, 5.1790, 10.7710

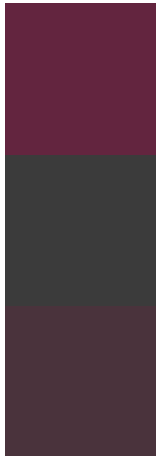
Deuteranomaly

59.3270, 12.5610, 9.1450

Tritanomaly

58.5960, 31.0370, 15.7170

Monochromacy



Original Color

58.5020, 28.6060, 21.2300

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.5020, 28.6060, 21.2300 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, 37, 63)` looks like.

```
.text, #text, p{  
    color:rgb(99, 37, 63)  
}
```

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, 37, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 37, 63) }
```

Border

The CSS property to change the border of an element to YIQ 58.5020, 28.6060, 21.2300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

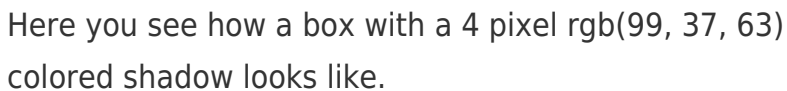
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 37, 63) }
```


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

```
.border{ border-color:rgb(99, 37, 63) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 37, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 37, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 37, 63);  
box-shadow:4px 4px 4px 4px rgb(99, 37, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.5020, 28.6060, 21.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 37, 63) }
```

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

```
.background{ background-color: rgb(99, 37,  
63) }
```

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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