

Converting Colors

YIQ(58.3340, 29.0190, 19.2510)

Have a look what the booklet for
YIQ(58.3340, 29.0190, 19.2510)
contains.

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Color

**YIQ(58.3340, 29.0190,
19.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	62263B
RGB	98, 38, 59
RGB Percent	38%, 15%, 23%
CMY	0.6155, 0.8511, 0.7685
CMYK	0.00, 0.61, 0.40, 0.62
HSL	339°, 44%, 27%
HSV	339°, 61%, 38%
XYZ	6.5237, 4.2995, 4.6272
YIQ	58.3340, 29.0190, 19.2510

Conversions

Conversions Part 2

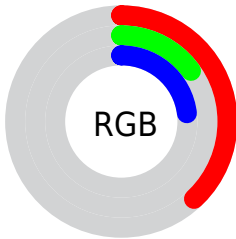
Format	Color
R_{YB}	98, 38, 59
Decimal	6432315
CIE _{Lab}	24.64, 29.55, 0.27
CIE _{LCh}	25, 29.555, 0.527
Yxy	4.2995, 0.4222, 0.2783
Android (android.graphics.Color)	4284622395 (0xFF62263B)
YUV	58.3340, 0.3283, 34.7871
Hunter-Lab	20.7353, 19.8723, 1.2839




Details

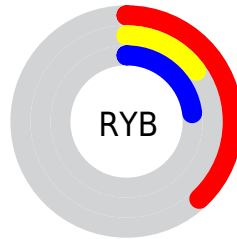
The YIQ color **58.3340, 29.0190, 19.2510** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **77.6660, -29.0190, -19.2510**, and the grayscale version is **58.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **107.7150, 32.3200, 20.0000**, and **16.4750, 24.0680, 15.3640** is the 20% darker color. If you saturate the color by 10%, you get **51.7800, 33.6950, 22.6150**, and if you desaturate by 10%, it is **64.8880, 24.3430, 15.8870**.

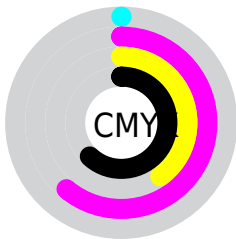
Distribution







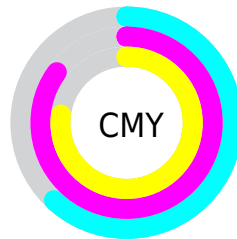
-  Red (38%)
-  Green (15%)
-  Blue (23%)






-  Red (38%)
-  Yellow (15%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (61%)
-  Yellow (40%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (85%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.3340, 29.0190, 19.2510 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 58.3340, 29.0190, 19.2510 by changing the saturation by 10% instead.

■ 58.3340, 29.0190,
19.2510

■ 58.3340, 29.0190,
19.2510

■ 255.0000, -0.0000,
-0.0000

■ 34.2630, 27.7810,
19.6610

■ 107.7150, 32.3200,
20.0000

■ 16.4750, 24.0680,
15.3640

■ 133.6120, 34.1080,
20.6360

■ 4.7840, 9.5360,
3.3920

■ 160.2100, 35.3000,
21.0600


■ 0.0000, 0.0000,
0.0000


■ 187.8080, 36.4920,
21.4840


■ 212.5300, 31.4030,
20.0990


■ 232.1580, 14.7150,


14.1630


 250.8910, 1.9250,
3.6610


 58.3340, 29.0190,
19.2510

 58.3340, 29.0190,
19.2510


 51.7800, 33.6950,
22.6150


 64.8880, 24.3430,
15.8870


 45.1120, 38.6920,
25.6680

 71.5560, 19.3460,
12.8340

 39.1450, 43.0930,
28.5090

 77.5230, 14.9450,
9.9930

 33.1780, 47.4940,
31.3500

 84.0770, 10.2690,
6.6290

 90.7450, 5.2720,
3.5760

■ 97.2990, 0.5960,
0.2120

■ 103.9670, -4.4010,
-2.8410

■ 109.9340, -8.8020,
-5.6820

■ 116.4880,
-13.4780, -9.0460

Harmonies

Analogous

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



60.1890, 13.4300, 20.9340



58.3340, 29.0190, 19.2510



57.5870, 35.2560, 10.8400

Triad

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



58.3340, 29.0190, 19.2510



53.8580, 5.5510, -18.0090



49.8000, -49.2870, -4.3510

Complementary

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



58.3340, 29.0190, 19.2510



77.6660, -29.0190, -19.2510

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.



49.6230, -44.6550, -11.2070



58.3340, 29.0190, 19.2510



48.2060, -21.9120, -21.4000

Square

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



58.3340, 29.0190, 19.2510



56.1160, 22.5600, -12.3840



47.1150, -37.5930, -18.0490



47.5490, -49.8380, 0.1300

Rectangle

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



58.3340, 29.0190, 19.2510



57.3600, 34.1570, 3.2210



47.1150, -37.5930, -18.0490



50.4040, -48.2320, -6.9520

Sweetspot

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



58.3340, 29.0190, 19.2510



112.7890, 11.1400, 7.3640



56.2020, 3.3880, 26.7160



54.7560, 6.7390, 4.5230



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.



58.3340, 29.0190, 19.2510



65.1670, 46.0270, 30.4030



60.6360, 33.5600, 8.5360



45.3100, 2.0630, 1.1590



37.9340, 54.2330, 35.8730



81.3360, 116.0760, 77.0040

Inverse Universe

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



58.3340, 29.0190, 19.2510



65.1670, 46.0270, 30.4030



75.3640, -33.5600, -8.5360



45.3100, 2.0630, 1.1590



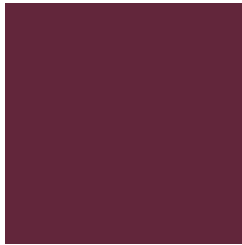
37.9340, 54.2330, 35.8730



81.3360, 116.0760, 77.0040

Previews

White Background



This preview shows how the YIQ color 58.3340, 29.0190, 19.2510 looks on a white background.

Color Contrast Check

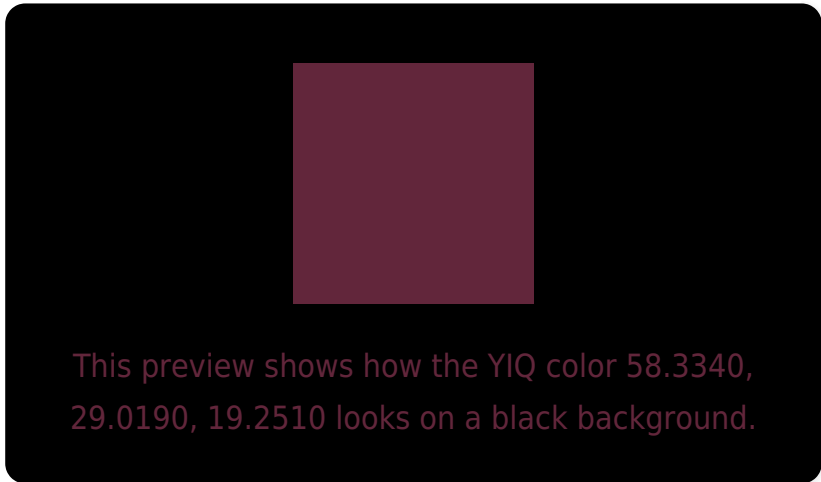
Large Text (above 18pt) WCAG AA ✓ Pass

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

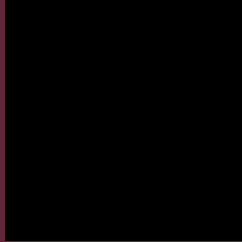
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.3340, 29.0190, 19.2510

Background



This preview shows how black text looks on a background with the YIQ color 58.3340, 29.0190, 19.2510.



This preview shows how white text looks on a background with the YIQ color 58.3340, 29.0190,

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

58.3340, 29.0190, 19.2510

Protanopia

59.8840, -5.3650, 3.6190

Deuteranopia

59.5770, 5.6850, 1.5970



Tritanopia

58.0860, 32.4130, 12.8050

Trichromacy



Original Color

58.3340, 29.0190, 19.2510

Protanomaly

59.1030, 7.3800, 9.4280

Deuteranomaly

59.1700, 14.4410, 8.1130

Tritanomaly

58.0690, 31.0830, 14.8830

Monochromacy



Original Color

58.3340, 29.0190, 19.2510

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.3760, 10.8650, 6.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.3340, 29.0190, 19.2510 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, 38, 59)` looks like.

```
.text, #text, p{  
    color:rgb(98, 38, 59)  
}
```

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, 38, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 38, 59) }
```

Border

The CSS property to change the border of an element to YIQ 58.3340, 29.0190, 19.2510 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, 38, 59) }
```


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

```
.border{ border-color:rgb(98, 38, 59) }
```

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

Here you see how a box with a 4 pixel rgb(98, 38, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 38, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 38, 59);  
box-shadow:4px 4px 4px 4px rgb(98, 38, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.3340, 29.0190, 19.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 38, 59) }
```

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

```
.background{ background-color: rgb(98, 38,  
59) }
```

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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