

Converting Colors

YIQ(58.6190, 50.5660, 30.7420)

Have a look what the booklet for
YIQ(58.6190, 50.5660, 30.7420)
contains.

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Color

**YIQ(58.6190, 50.5660,
30.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	7E1937
RGB	126, 25, 55
RGB Percent	49%, 10%, 22%
CMY	0.5056, 0.9021, 0.7841
CMYK	0.00, 0.80, 0.56, 0.51
HSL	342°, 67%, 30%
HSV	342°, 80%, 49%
XYZ	9.6513, 5.4104, 4.1557
YIQ	58.6190, 50.5660, 30.7420

Conversions

Conversions Part 2

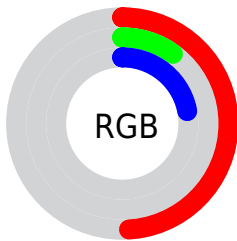
Format	Color
R_{YB}	126, 25, 55
Decimal	8263991
CIE Lab	27.87, 44.16, 8.31
CIE LCh	28, 44.932, 10.652
Yxy	5.4104, 0.5022, 0.2815
Android (android.graphics.Color)	4286454071 (0xFF7E1937)
YUV	58.6190, -1.7842, 59.0931
Hunter-Lab	23.2602, 33.3595, 5.6892

Details

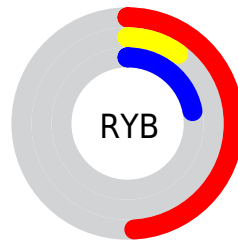
The YIQ color **58.6190, 50.5660, 30.7420** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **92.3810, -50.5660, -30.7420**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **112.6040, 54.9220, 28.8900**, and **22.4830, 38.7850, 18.4730** is the 20% darker color. If you saturate the color by 10%, you get **49.9620, 57.0300, 34.7420**, and if you desaturate by 10%, it is **67.2760, 44.1020, 26.7420**.

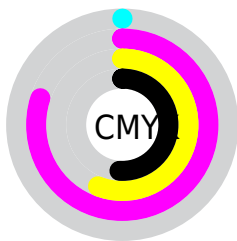
Distribution



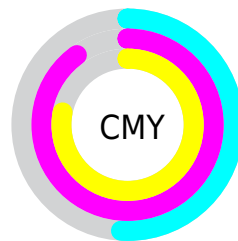
- Red (49%)
- Green (10%)
- Blue (22%)



- Red (49%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.6190, 50.5660, 30.7420 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 58.6190, 50.5660, 30.7420 by changing the saturation by 10% instead.

■ 58.6190, 50.5660,
30.7420

■ 58.6190, 50.5660,
30.7420

■ 255.0000, -0.0000,
-0.0000

■ 33.1780, 47.4940,
31.3500

■ 112.7180, 54.6010,
29.2010

■ 22.4830, 38.7850,
18.4730

■ 140.2730, 57.3520,
28.9040

■ 13.9820, 26.7740,
10.3740

■ 167.4690, 59.7360,
29.7520

■ 0.0000, 0.0000,
0.0000

■ 189.9840, 50.7960,
26.5720

■ 209.4980, 34.4290,
20.3250

■ 229.8270, 17.1450,

14.1770

249.1300, 2.7500,
5.2300

58.6190, 50.5660,
30.7420

58.6190, 50.5660,
30.7420

49.9620, 57.0300,
34.7420

67.2760, 44.1020,
26.7420

42.0060, 62.8980,
38.5300

75.3460, 37.9130,
23.2650

84.0030, 31.4490,
19.2650

91.9590, 25.5810,
15.4770

100.6160, 19.1170,
11.4770

■ 109.2730, 12.6530,
7.4770

■ 117.3430, 6.4640,
4.0000

■ 126.0000, 0.0000,
0.0000

■ 134.0700, -6.1890,
-3.4770

Harmonies

Analogous

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



63.3150, 31.1710, 35.3230



58.6190, 50.5660, 30.7420



60.9820, 53.1370, 11.6730

Triad

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



58.6190, 50.5660, 30.7420



53.6250, -4.5790, -32.6670



59.5460, -62.9510, 0.9930

Complementary

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



58.6190, 50.5660, 30.7420



92.3810, -50.5660, -30.7420

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.



59.5000, -57.3100, -7.6300



58.6190, 50.5660, 30.7420



51.6340, -35.1610, -29.0890

Square

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



58.6190, 50.5660, 30.7420



60.8460, 23.0200, -20.7240



56.4390, -47.3130, -18.1050



54.0180, -61.1640, 7.1560

Rectangle

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



58.6190, 50.5660, 30.7420



61.3430, 50.0220, -3.4660



56.4390, -47.3130, -18.1050



60.1500, -61.8960, -1.6080

Sweetspot

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



58.6190, 50.5660, 30.7420



137.0290, 19.3920, 12.0000



57.7430, 9.8950, 46.4630



65.9740, 12.0570, 7.2650



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



58.6190, 50.5660, 30.7420



58.8880, 78.2100, 47.3780



66.9390, 54.6960, 10.9520



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.6190, 50.5660, 30.7420



58.8880, 78.2100, 47.3780



84.0610, -54.6960, -10.9520



59.3210, 3.5300, 2.1060



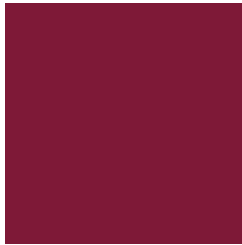
42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 58.6190, 50.5660, 30.7420 looks on a white background.

Color Contrast Check

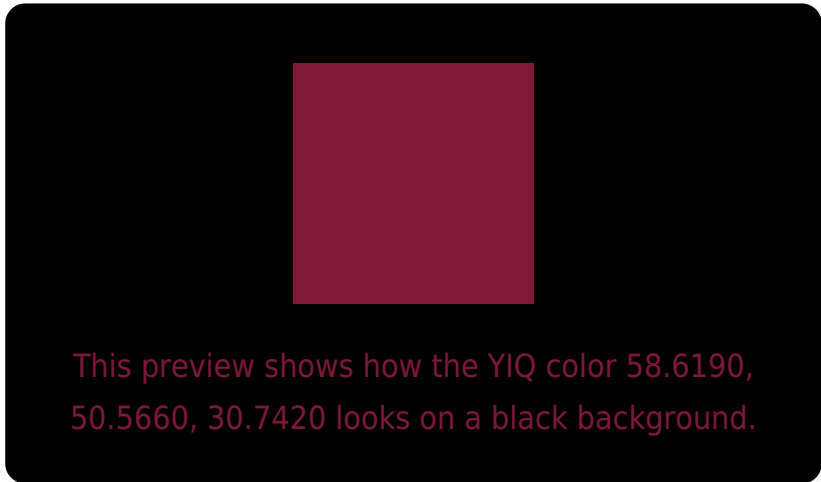
Large Text (above 18pt) WCAG AA ✓ Pass

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

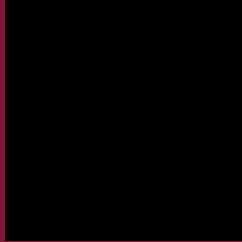
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.6190, 50.5660, 30.7420

Background



This preview shows how black text looks on a background with the YIQ color 58.6190, 50.5660, 30.7420.



This preview shows how white text looks on a background with the YIQ color 58.6190, 50.5660,

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

58.6190, 50.5660, 30.7420

Protanopia

67.6130, -3.1640, 2.2760

Deuteranopia

67.7750, 13.7550, -1.4850



Tritanopia

59.2200, 55.7030, 20.2390

Trichromacy



Original Color

58.6190, 50.5660, 30.7420

Protanomaly

64.5880, 16.3200, 12.6080

Deuteranomaly

64.2810, 27.3700, 10.5860

Tritanomaly

58.9580, 53.6850, 23.7730

Monochromacy



Original Color

58.6190, 50.5660, 30.7420

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0180, 17.9250, 11.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.6190, 50.5660, 30.7420 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(126, 25, 55)` looks like.

```
.text, #text, p{  
    color:rgb(126, 25, 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(126, 25, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 25, 55) }
```

Border

The CSS property to change the border of an element to YIQ 58.6190, 50.5660, 30.7420 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(126, 25, 55) }
```


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

```
.border{ border-color:rgb(126, 25, 55) }
```

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

Here you see how a box with a 4 pixel rgb(126, 25, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 25, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 25, 55);  
box-shadow:4px 4px 4px 4px rgb(126, 25,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 58.6190, 50.5660, 30.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 25, 55) }
```

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

```
.background{ background-color: rgb(126, 25,  
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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