

Converting Colors

YIQ(50.1200, 27.0460, 27.4780)

Have a look what the booklet for
YIQ(50.1200, 27.0460, 27.4780)
contains.

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Color

**YIQ(50.1200, 27.0460,
27.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1943
RGB	93, 25, 67
RGB Percent	36%, 10%, 26%
CMY	0.6351, 0.9021, 0.7372
CMYK	0.00, 0.73, 0.28, 0.64
HSL	323°, 58%, 23%
HSV	323°, 73%, 36%
XYZ	5.8798, 3.4292, 5.6652
YIQ	50.1200, 27.0460, 27.4780

Conversions

Conversions Part 2

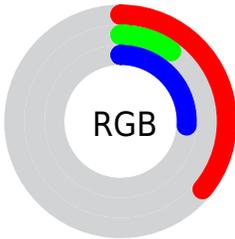
Format	Color
R_{YB}	93, 25, 67
Decimal	6101315
CIE Lab	21.69, 35.30, -9.69
CIE LCh	22, 36.610, 344.656
Yxy	3.4292, 0.3927, 0.2290
Android (android.graphics.Color)	4284291395 (0xFF5D1943)
YUV	50.1200, 8.3218, 37.6058
Hunter-Lab	18.5180, 24.2700, -5.1758

Details

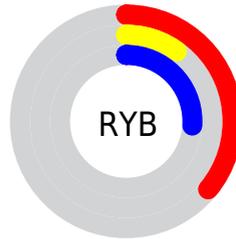
The YIQ color **50.1200, 27.0460, 27.4780** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **67.8800, -27.0460, -27.4780**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.2020, 29.7510, 28.0150**, and **16.6040, 19.3910, 17.5270** is the 20% darker color. If you saturate the color by 10%, you get **44.3810, 30.8050, 30.9410**, and if you desaturate by 10%, it is **55.8590, 23.2870, 24.0150**.

Distribution



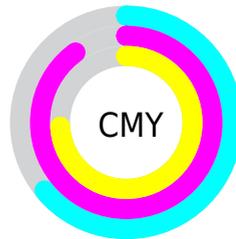
- Red (36%)
- Green (10%)
- Blue (26%)



- Red (36%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (73%)
- Yellow (28%)
- Black (64%)



- Cyan (64%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.1200, 27.0460, 27.4780 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 50.1200, 27.0460, 27.4780 by changing the saturation by 10% instead.

■ 50.1200, 27.0460,
27.4780

■ 50.1200, 27.0460,
27.4780

■ 255.0000, -0.0000,
-0.0000

■ 25.4620, 26.0830,
28.4110

■ 100.2020, 29.7510,
28.0150

■ 16.6040, 19.3910,
17.5270

■ 126.5010, 30.3470,
28.2270

■ 0.0000, 0.0000,
0.0000

■ 152.5120, 31.8140,
29.1740

■ 180.1100, 33.0060,
29.5980

■ 206.6260, 31.4930,
29.4850

■ 226.3680, 14.4840,

23.8600

 243.8470, 5.2250,
9.9370

 50.1200, 27.0460,
27.4780

 50.1200, 27.0460,
27.4780

 44.3810, 30.8050,
30.9410

 55.8590, 23.2870,
24.0150

 38.1690, 34.5180,
35.2380

 62.0710, 19.5740,
19.7180

 34.3050, 37.1310,
37.4430

 67.8100, 15.8150,
16.2550

 73.4350, 12.3770,
12.4810

 79.1740, 8.6180,
9.0180

■ 85.3860, 4.9050,
4.7210

■ 91.1250, 1.1460,
1.2580

■ 96.7500, -2.2920,
-2.5160

■ 103.0760, -6.3260,
-6.5020

Harmonies

Analogous

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



53.3110, 1.4630, 23.0550



50.1200, 27.0460, 27.4780



47.3740, 40.7100, 22.1340

Triad

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



50.1200, 27.0460, 27.4780



48.1320, 16.4630, -17.5290



47.2410, -46.2150, -4.9590

Complementary

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



50.1200, 27.0460, 27.4780



67.8800, -27.0460, -27.4780

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.



44.9780, -38.4650, -13.2570



50.1200, 27.0460, 27.4780



41.8130, -7.7440, -24.8640

Square

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



50.1200, 27.0460, 27.4780



49.7260, 32.6460, -7.9460



41.1990, -29.2020, -21.4420



46.4890, -49.6090, 1.4870

Rectangle

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



50.1200, 27.0460, 27.4780



48.3490, 41.8580, 12.3380



41.1990, -29.2020, -21.4420



46.9160, -43.9220, -7.9700

Sweetspot

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



50.1200, 27.0460, 27.4780



103.0110, 10.6350, 11.0110



40.2270, -6.9280, 26.4480



50.9240, 6.3260, 6.5020



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



50.1200, 27.0460, 27.4780



53.2180, 41.9900, 42.9980



46.3580, 37.6390, 17.2150



42.8370, 2.0170, 1.9930



40.6420, 43.7320, 44.4680



87.5070, 94.3860, 95.6500

Inverse Universe

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



50.1200, 27.0460, 27.4780



53.2180, 41.9900, 42.9980



71.6420, -37.6390, -17.2150



42.8370, 2.0170, 1.9930



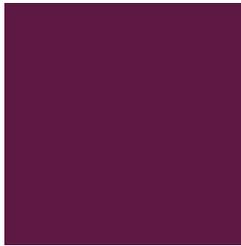
40.6420, 43.7320, 44.4680



87.5070, 94.3860, 95.6500

Previews

White Background



This preview shows how the YIQ color 50.1200, 27.0460, 27.4780 looks on a white background.

Color Contrast Check

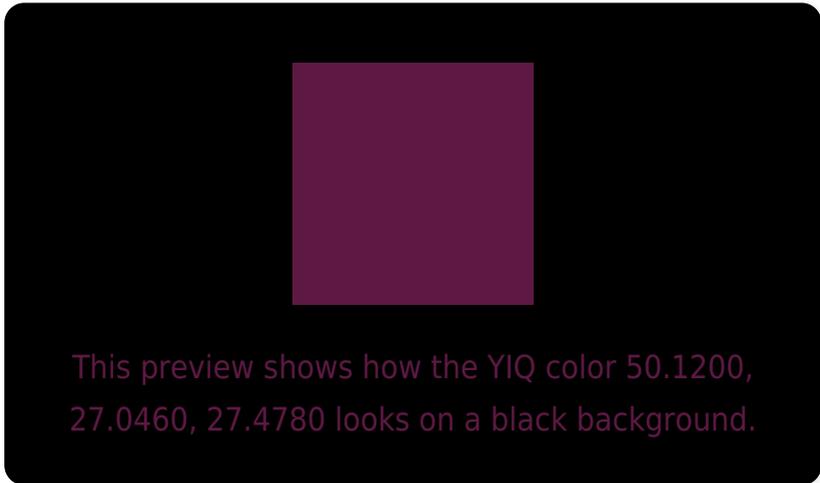
Large Text (above 18pt) WCAG AA ✓ Pass

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

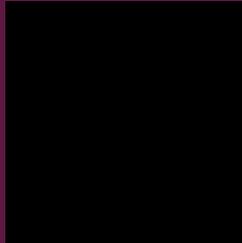
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.1200, 27.0460, 27.4780

Background



This preview shows how black text looks on a background with the YIQ color 50.1200, 27.0460, 27.4780.



This preview shows how white text looks on a background with the YIQ color 50.1200, 27.0460,

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

50.1200, 27.0460, 27.4780

Protanopia

52.4020, -18.3870, 8.3410

Deuteranopia

53.8520, -2.3390, 3.8450



Tritanopia

51.2710, 33.3300, 12.7060

Trichromacy



Original Color

50.1200, 27.0460, 27.4780

Protanomaly

51.4150, -2.0660, 15.4220

Deuteranomaly

52.2820, 8.4340, 12.3540

Tritanomaly

51.0630, 31.2200, 17.9080

Monochromacy



Original Color

50.1200, 27.0460, 27.4780

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

50.1850, 10.0850, 9.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.1200, 27.0460, 27.4780 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(93, 25, 67)` looks like.

```
.text, #text, p{  
    color:rgb(93, 25, 67)  
}
```

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(93, 25, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 25, 67) }
```

Border

The CSS property to change the border of an element to YIQ 50.1200, 27.0460, 27.4780 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(93, 25, 67) }
```


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

```
.border{ border-color:rgb(93, 25, 67) }
```

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

Here you see how a box with a 4 pixel rgb(93, 25, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 25, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 25, 67);  
box-shadow:4px 4px 4px 4px rgb(93, 25, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.1200, 27.0460, 27.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 25, 67) }
```

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

```
.background{ background-color: rgb(93, 25,  
67) }
```

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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