

Converting Colors

YIQ(33.5280, 52.0800, 25.3280)

Have a look what the booklet for
YIQ(33.5280, 52.0800, 25.3280)
contains.

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Color

**YIQ(33.5280, 52.0800,
25.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	630313
RGB	99, 3, 19
RGB Percent	39%, 1%, 7%
CMY	0.6115, 0.9884, 0.9253
CMYK	0.00, 0.97, 0.81, 0.61
HSL	350°, 94%, 20%
HSV	350°, 97%, 39%
XYZ	5.3023, 2.7675, 0.8730
YIQ	33.5280, 52.0800, 25.3280

Conversions

Conversions Part 2

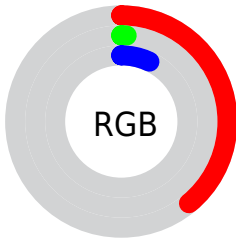
Format	Color
R_{YB}	99, 3, 19
Decimal	6488851
CIE Lab	19.09, 39.81, 20.42
CIE LCh	19, 44.742, 27.158
Yxy	2.7675, 0.5929, 0.3095
Android (android.graphics.Color)	4284678931 (0xFF630313)
YUV	33.5280, -7.1623, 57.4189
Hunter-Lab	16.6358, 27.7804, 8.5336

Details

The YIQ color **33.5280, 52.0800, 25.3280** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **68.4720, -52.0800, -25.3280**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4050, 56.6200, 20.1400**, and **14.2810, 27.3700, 10.5860** is the 20% darker color. If you saturate the color by 10%, you get **31.5390, 53.5470, 26.2750**, and if you desaturate by 10%, it is **40.3100, 46.7620, 22.5860**.

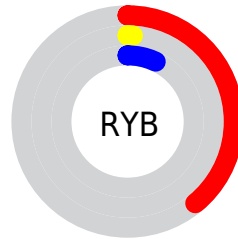
Distribution



Red (39%)

Green (1%)

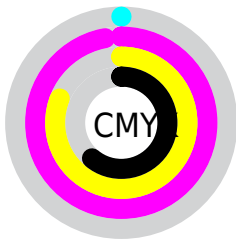
Blue (7%)



Red (39%)

Yellow (1%)

Blue (7%)

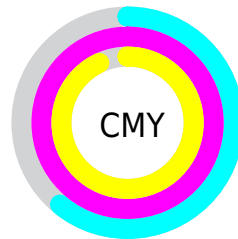


Cyan (0%)

Magenta (97%)

Yellow (81%)

Black (61%)



Cyan (61%)


Magenta (99%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 33.5280, 52.0800, 25.3280 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 33.5280, 52.0800, 25.3280 by changing the saturation by 10% instead.


 33.5280, 52.0800,
25.3280


 33.5280, 52.0800,
25.3280


 251.2840, 4.9520,
-1.6400


 21.5280, 42.9120,
15.2640


 89.4050, 56.6200,
20.1400


 14.2810, 27.3700,
10.5860

 115.3730, 59.6460,
20.3660

 0.0000, 0.0000,
0.0000


 142.4550, 62.3510,
20.9030


 170.1240, 64.7810,
20.9170


 191.9270, 54.9700,
17.0020


 211.4410, 38.6030,


10.7550


 231.0690, 21.9150,
4.8190


 33.5280, 52.0800,
25.3280


 33.5280, 52.0800,
25.3280


 31.5390, 53.5470,
26.2750

 40.3100, 46.7620,
22.5860

 47.2060, 41.1230,
20.1550

 53.9880, 35.8050,
17.4130

 60.7700, 30.4870,
14.6710

 66.9650, 25.4440,
12.4520

■ 73.8610, 19.8050,
10.0210

■ 80.6430, 14.4870,
7.2790

■ 87.4250, 9.1690,
4.5370

■ 94.2070, 3.8510,
1.7950

Harmonies

Analogous

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



35.4150, 42.6330, 36.8490



33.5280, 52.0800, 25.3280



42.4380, 42.6850, 2.8530

Triad

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



33.5280, 52.0800, 25.3280



33.9150, -16.9590, -28.5670



43.2920, -50.2520, 7.6360

Complementary

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



33.5280, 52.0800, 25.3280



68.4720, -52.0800, -25.3280

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.



45.5600, -48.3710, 1.0770



33.5280, 52.0800, 25.3280



39.4210, -29.7070, -17.7950

Square

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



33.5280, 52.0800, 25.3280



39.7820, 2.7090, -21.5710



43.7700, -40.5750, -8.0550



44.1320, -25.9540, 18.8300

Rectangle

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



33.5280, 52.0800, 25.3280



44.4100, 30.7200, -6.0800



43.7700, -40.5750, -8.0550



44.3520, -50.4810, 6.2790

Sweetspot

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



33.5280, 52.0800, 25.3280



104.1600, 20.4010, 10.2330



37.2660, 15.6720, 46.3920



50.3330, 12.4240, 6.1200



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



33.5280, 52.0800, 25.3280



41.3780, 70.4180, 34.4020



49.3140, 48.9660, 4.6620



45.1960, 2.3840, 0.8480



35.6540, 60.6530, 29.6530



76.3200, 130.2000, 63.3200

Inverse Universe

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



33.5280, 52.0800, 25.3280



41.3780, 70.4180, 34.4020



52.6860, -48.9660, -4.6620



45.1960, 2.3840, 0.8480



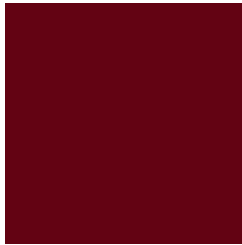
35.6540, 60.6530, 29.6530



76.3200, 130.2000, 63.3200

Previews

White Background



This preview shows how the YIQ color 33.5280, 52.0800, 25.3280 looks on a white background.

Color Contrast Check

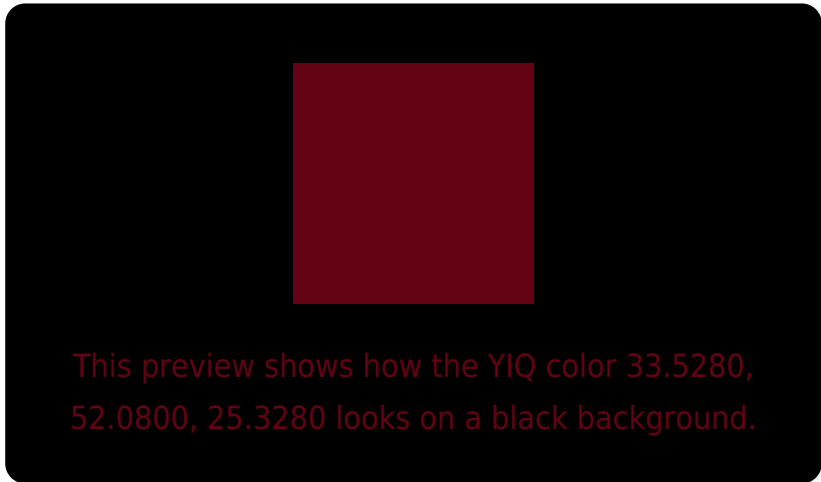
Large Text (above 18pt) WCAG AA ✓ Pass

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

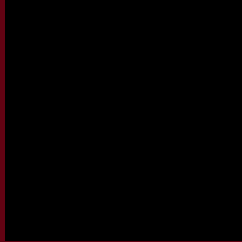
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.5280, 52.0800, 25.3280

Background



This preview shows how black text looks on a background with the YIQ color 33.5280, 52.0800, 25.3280.

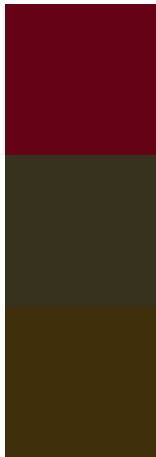


This preview shows how white text looks on a background with the YIQ color 33.5280, 52.0800,

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

33.5280, 52.0800, 25.3280

Protanopia

49.2150, 9.4000, -5.1600

Deuteranopia

48.2670, 20.8170, -8.3270



Tritanopia

34.8840, 56.5290, 16.2810

Trichromacy



Original Color

33.5280, 52.0800, 25.3280

Protanomaly

43.5640, 24.8950, 5.8790

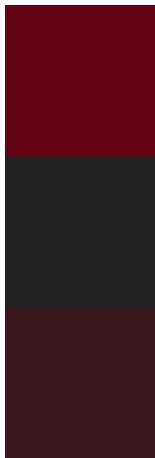
Deuteranomaly

43.1040, 32.0020, 3.7300

Tritanomaly

34.5080, 54.8320, 19.5040

Monochromacy



Original Color

33.5280, 52.0800, 25.3280

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.1490, 18.9340, 9.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.5280, 52.0800, 25.3280 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, 3, 19)` looks like.

```
.text, #text, p{  
    color:rgb(99, 3, 19)  
}
```

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, 3, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 3, 19) }
```

Border

The CSS property to change the border of an element to YIQ 33.5280, 52.0800, 25.3280 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, 3, 19) }
```


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

```
.border{ border-color:rgb(99, 3, 19) }
```

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

Here you see how a box with a 4 pixel rgb(99, 3, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 3, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 3, 19); box-shadow:4px  
4px 4px 4px rgb(99, 3, 19) }
```

Background

The CSS property to change the background color of an element to YIQ 33.5280, 52.0800, 25.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 3, 19) }
```

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

```
.background{ background-color: rgb(99, 3,  
19) }
```

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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