

Converting Colors

YIQ(36.9350, 43.3240, 18.8120)

Have a look what the booklet for
YIQ(36.9350, 43.3240, 18.8120)
contains.

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Color

**YIQ(36.9350, 43.3240,
18.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0D15
RGB	90, 13, 21
RGB Percent	35%, 5%, 8%
CMY	0.6469, 0.9491, 0.9175
CMYK	0.00, 0.86, 0.77, 0.65
HSL	354°, 75%, 20%
HSV	354°, 86%, 35%
XYZ	4.5004, 2.5174, 0.9602
YIQ	36.9350, 43.3240, 18.8120

Conversions

Conversions Part 2

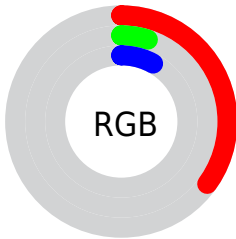
Format	Color
RYB	90, 13, 21
Decimal	5901589
CIELab	18.00, 34.35, 17.29
CIElCh	18, 38.456, 26.726
Yxy	2.5174, 0.5641, 0.3155
Android (android.graphics.Color)	4284091669 (0xFF5A0D15)
YUV	36.9350, -7.8560, 46.5380
Hunter-Lab	15.8663, 22.8645, 7.5182

Details

The YIQ color **36.9350, 43.3240, 18.8120** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **66.0650, -43.3240, -18.8120**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1050, 48.5970, 16.8610**, and **11.7750, 22.9230, 8.5790** is the 20% darker color. If you saturate the color by 10%, you get **30.7400, 48.3670, 21.0310**, and if you desaturate by 10%, it is **43.1300, 38.2810, 16.5930**.

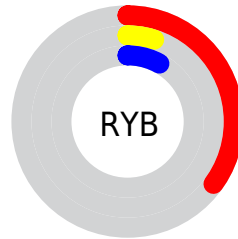
Distribution



Red (35%)

Green (5%)

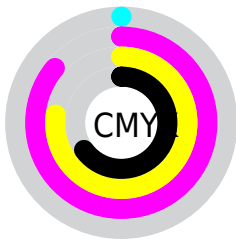
Blue (8%)



Red (35%)

Yellow (5%)

Blue (8%)

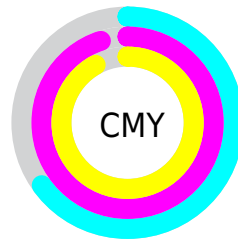


Cyan (0%)

Magenta (86%)

Yellow (77%)

Black (65%)



Cyan (65%)


Magenta (95%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 36.9350, 43.3240, 18.8120 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 36.9350, 43.3240, 18.8120 by changing the saturation by 10% instead.


 36.9350, 43.3240,
18.8120


 36.9350, 43.3240,
18.8120


 252.8000, 3.4390,
-1.7530


 19.1360, 38.1440,
13.5680


 88.1050, 48.5970,
16.8610


 11.7750, 22.9230,
8.5790

 114.1870, 51.3020,
17.3980

 0.0000, 0.0000,
0.0000


 140.2690, 54.0070,
17.9350


 167.6390, 55.8410,
17.7370


 193.4430, 53.4570,
16.8890


 212.3700, 37.3650,


11.1650


 232.4710, 20.7230,
4.3950


 36.9350, 43.3240,
18.8120


 36.9350, 43.3240,
18.8120


 30.7400, 48.3670,
21.0310


 43.1300, 38.2810,
16.5930

 27.9360, 50.7510,
21.8790

 49.3250, 33.2380,
14.3740

 55.5200, 28.1950,
12.1550

 61.7150, 23.1520,
9.9360

 67.9100, 18.1090,
7.7170

■ 74.1050, 13.0660,
5.4980

■ 80.3000, 8.0230,
3.2790

■ 86.6090, 2.6590,
1.3710

■ 92.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



35.9040, 36.5820, 30.8700



36.9350, 43.3240, 18.8120



40.6440, 39.1090, 1.5810

Triad

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



36.9350, 43.3240, 18.8120



32.7240, -17.7390, -25.4430



40.1630, -45.5750, 5.4730

Complementary

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



36.9350, 43.3240, 18.8120



66.0650, -43.3240, -18.8120

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.



41.9580, -43.7400, -0.2520



36.9350, 43.3240, 18.8120



37.4320, -28.2400, -16.8480

Square

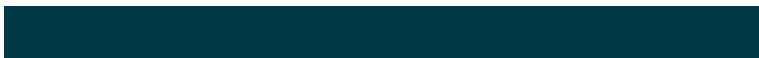
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.9350, 43.3240, 18.8120



38.9180, 5.3220, -19.3660



40.6240, -37.2280, -8.1400



42.8890, -20.9560, 16.3560

Rectangle

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



36.9350, 43.3240, 18.8120



42.0400, 28.8860, -5.8820



40.6240, -37.2280, -8.1400



41.1090, -45.4830, 3.8050

Sweetspot

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



36.9350, 43.3240, 18.8120



96.3120, 16.9170, 7.2930



42.1100, 15.8110, 38.3630



45.9090, 10.6820, 4.6500



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



36.9350, 43.3240, 18.8120



36.3510, 65.8800, 28.5360



53.6330, 37.6420, 0.6340



42.6090, 2.6590, 1.3710



34.1440, 62.0290, 26.7410



73.7130, 133.2270, 58.0190

Inverse Universe

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



36.9350, 43.3240, 18.8120



36.3510, 65.8800, 28.5360



49.9540, -37.9170, -1.1570



42.6090, 2.6590, 1.3710



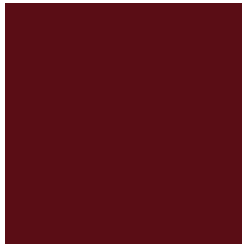
34.1440, 62.0290, 26.7410



73.7130, 133.2270, 58.0190

Previews

White Background



This preview shows how the YIQ color 36.9350, 43.3240, 18.8120 looks on a white background.

Color Contrast Check

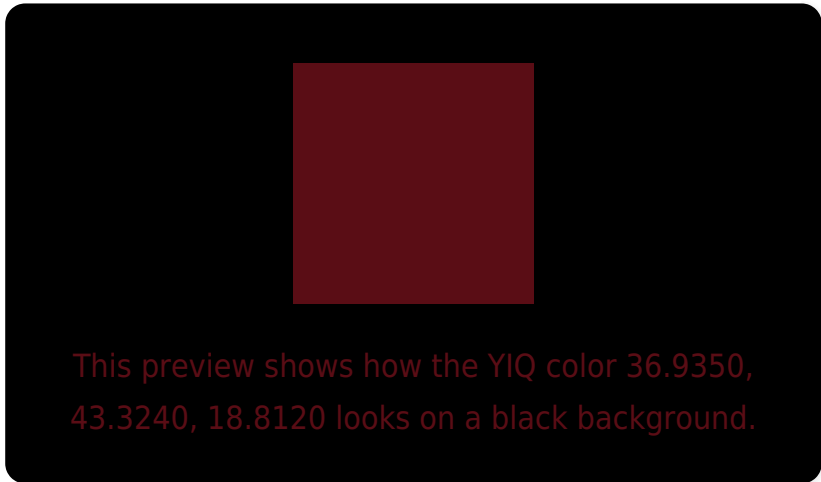
Large Text (above 18pt) WCAG AA ✓ Pass

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

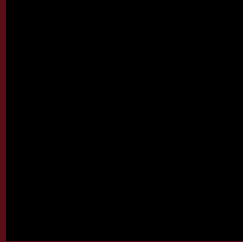
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.9350, 43.3240, 18.8120

Background



This preview shows how black text looks on a background with the YIQ color 36.9350, 43.3240, 18.8120.

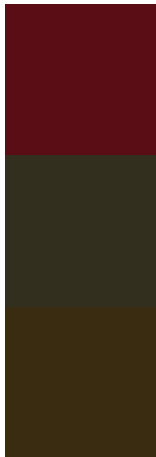


This preview shows how white text looks on a background with the YIQ color 36.9350, 43.3240,

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

36.9350, 43.3240, 18.8120

Protanopia

46.3720, 7.5200, -4.1280

Deuteranopia

44.9940, 17.3320, -5.7400



Tritanopia

36.7240, 45.2960, 16.1120

Trichromacy



Original Color

36.9350, 43.3240, 18.8120

Protanomaly

43.0580, 20.4480, 3.8720

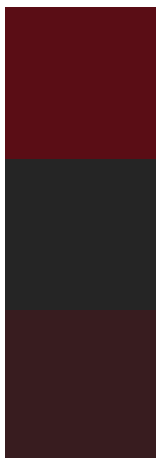
Deuteranomaly

42.3530, 26.8670, 3.1790

Tritanomaly

37.0660, 44.3330, 17.0450

Monochromacy



Original Color

36.9350, 43.3240, 18.8120

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.7140, 15.7250, 6.8690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.9350, 43.3240, 18.8120 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(90, 13, 21)` looks like.

```
.text, #text, p{  
    color:rgb(90, 13, 21)  
}
```

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(90, 13, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 13, 21) }
```

Border

The CSS property to change the border of an element to YIQ 36.9350, 43.3240, 18.8120 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(90, 13, 21) }
```


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

```
.border{ border-color:rgb(90, 13, 21) }
```

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

Here you see how a box with a 4 pixel rgb(90, 13, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 13, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 13, 21);  
box-shadow:4px 4px 4px 4px rgb(90, 13, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.9350, 43.3240, 18.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 13, 21) }
```

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

```
.background{ background-color: rgb(90, 13,  
21) }
```

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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