

Converting Colors

YIQ(36.1160, 14.5330, 6.4450)

Have a look what the booklet for
YIQ(36.1160, 14.5330, 6.4450)
contains.

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Color

**YIQ(36.1160, 14.5330,
6.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	361C1F
RGB	54, 28, 31
RGB Percent	21%, 11%, 12%
CMY	0.7882, 0.8902, 0.8784
CMYK	0.00, 0.48, 0.43, 0.79
HSL	353°, 32%, 16%
HSV	353°, 48%, 21%
XYZ	2.1847, 1.7137, 1.5129
YIQ	36.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

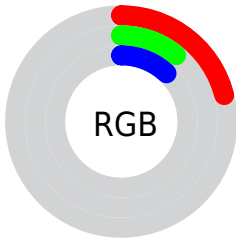
Format	Color
R_{YB}	54, 28, 31
Decimal	3546143
CIE _{Lab}	13.91, 13.25, 3.48
CIE _{LCh}	14, 13.704, 14.717
Yxy	1.7137, 0.4037, 0.3167
Android (android.graphics.Color)	4281736223 (0xFF361C1F)
YUV	36.1160, -2.5222, 15.6843
Hunter-Lab	13.0909, 6.8803, 2.3114

Details

The YIQ color **36.1160, 14.5330, 6.4450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.8840, -14.5330, -6.4450**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.3120, 16.9170, 7.2930**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.6110, 17.5130, 7.5050**, and if you desaturate by 10%, it is **39.6210, 11.5530, 5.3850**.

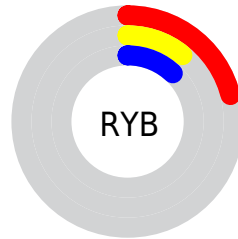
Distribution



Red (21%)

Green (11%)

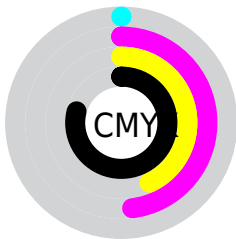
Blue (12%)



Red (21%)

Yellow (11%)

Blue (12%)

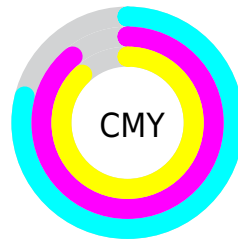


Cyan (0%)

Magenta (48%)

Yellow (43%)

Black (79%)



Cyan (79%)

Magenta (89%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.1160, 14.5330, 6.4450 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 36.1160, 14.5330, 6.4450 by changing the saturation by 10% instead.

■ 36.1160, 14.5330,
6.4450

■ 36.1160, 14.5330,
6.4450

■ 255.0000, -0.0000,
-0.0000

■ 13.1980, 17.2380,
6.9820

■ 81.3120, 16.9170,
7.2930

■ 0.0000, 0.0000,
0.0000

■ 105.4970, 17.8340,
7.1940

■ 131.0950, 19.0260,
7.6180

■ 157.3940, 19.6220,
7.8300

■ 184.1060, 20.4930,
8.5650

■ 211.9920, 20.8140,

8.2540

237.0020, 14.8540,
6.1340

36.1160, 14.5330,
6.4450

36.1160, 14.5330,
6.4450

32.6110, 17.5130,
7.5050

39.6210, 11.5530,
5.3850

28.5190, 20.7680,
9.0880

43.7130, 8.2980,
3.8020

25.1280, 23.4270,
10.4590

47.1040, 5.6390,
2.4310

21.0360, 26.6820,
12.0420

51.1960, 2.3840,
0.8480

17.5310, 29.6620,
13.1020

54.7010, -0.5960,
-0.2120

■ 16.8300, 30.2580,
13.3140

■ 58.2060, -3.5760,
-1.2720

■ 62.1840, -6.5100,
-3.1660

■ 65.6890, -9.4900,
-4.2260

■ 69.7810, -12.7450,
-5.8090

Harmonies

Analogous

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



36.3590, 9.5350, 8.9190



36.1160, 14.5330, 6.4450



35.6660, 15.6800, 2.1760

Triad

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



36.1160, 14.5330, 6.4450



33.0610, -1.9700, -8.3540



32.0500, -20.6320, -0.5360

Complementary

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



36.1160, 14.5330, 6.4450



45.8840, -14.5330, -6.4450

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.



29.0660, -26.7290, -5.6810



36.1160, 14.5330, 6.4450



31.0860, -12.2860, -8.6220

Square

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



36.1160, 14.5330, 6.4450



34.0190, 7.0160, -6.0080



28.6380, -22.6480, -8.0560



35.3720, -9.6750, 4.6370

Rectangle

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



36.1160, 14.5330, 6.4450



35.1880, 14.0300, -0.9620



28.6380, -22.6480, -8.0560



30.6150, -23.8410, -2.9530

Sweetspot

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



36.1160, 14.5330, 6.4450



64.2180, 5.3180, 2.7420



37.8410, 5.3620, 12.9620



31.7940, 3.5760, 1.2720



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



36.1160, 14.5330, 6.4450



42.8290, 22.8310, 10.2470



41.6440, 12.7460, 0.2820



26.0110, 1.4670, 0.9470



28.7620, 51.3010, 22.9250



68.3310, 122.4990, 54.2030

Inverse Universe

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



36.1160, 14.5330, 6.4450



42.8290, 22.8310, 10.2470



40.3560, -12.7460, -0.2820



26.0110, 1.4670, 0.9470



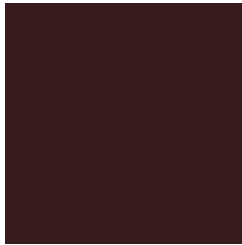
28.7620, 51.3010, 22.9250



68.3310, 122.4990, 54.2030

Previews

White Background



This preview shows how the YIQ color 36.1160, 14.5330, 6.4450 looks on a white background.

Color Contrast Check

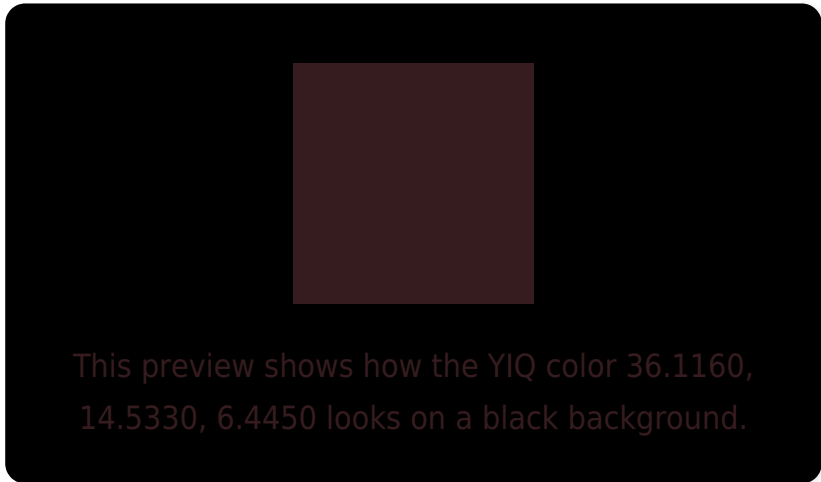
Large Text (above 18pt) WCAG AA ✓ Pass

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

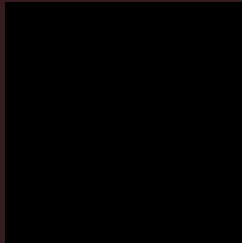
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.1160, 14.5330, 6.4450

Background



This preview shows how black text looks on a background with the YIQ color 36.1160, 14.5330, 6.4450.

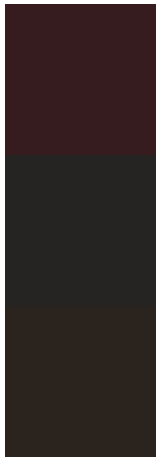


This preview shows how white text looks on a background with the YIQ color 36.1160, 14.5330,

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

36.1160, 14.5330, 6.4450

Protanopia

36.1850, 0.9170, -0.0990

Deuteranopia

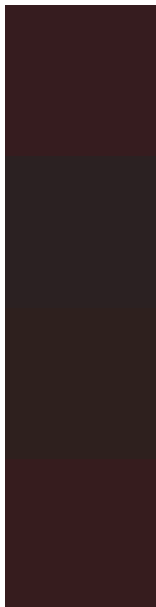
36.5230, 5.7770, -0.0710



Tritanopia

36.0020, 14.8540, 6.1340

Trichromacy



Original Color

36.1160, 14.5330, 6.4450

Protanomaly

36.1040, 5.6390, 2.4310

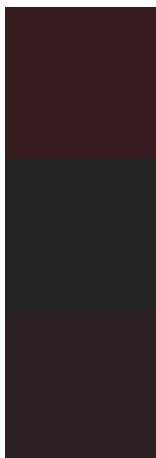
Deuteranomaly

35.9580, 8.9860, 2.3460

Tritanomaly

36.0020, 14.8540, 6.1340

Monochromacy



Original Color

36.1160, 14.5330, 6.4450

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.1160, 14.5330, 6.4450 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(54, 28, 31)` looks like.

```
.text, #text, p{  
    color:rgb(54, 28, 31)  
}
```

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(54, 28, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 28, 31) }
```

Border

The CSS property to change the border of an element to YIQ 36.1160, 14.5330, 6.4450 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(54, 28, 31) }
```


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

```
.border{ border-color:rgb(54, 28, 31) }
```

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

Here you see how a box with a 4 pixel rgb(54, 28, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 28, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 28, 31);  
box-shadow:4px 4px 4px 4px rgb(54, 28, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.1160, 14.5330, 6.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 28, 31) }
```

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

```
.background{ background-color: rgb(54, 28,  
31) }
```

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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