

Converting Colors

YIQ(36.0940, 11.5990, 4.5510)

Have a look what the booklet for
YIQ(36.0940, 11.5990, 4.5510)
contains.

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Color

**YIQ(36.0940, 11.5990,
4.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	321E1F
RGB	50, 30, 31
RGB Percent	20%, 12%, 12%
CMY	0.8039, 0.8824, 0.8784
CMYK	0.00, 0.40, 0.38, 0.80
HSL	357°, 25%, 16%
HSV	357°, 40%, 20%
XYZ	2.0275, 1.7055, 1.5195
YIQ	36.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

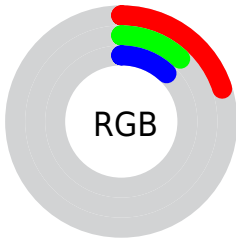
Format	Color
R_{YB}	50, 30, 31
Decimal	3284511
CIE Lab	13.86, 9.97, 3.33
CIE LCh	14, 10.507, 18.478
Yxy	1.7055, 0.3860, 0.3247
Android (android.graphics.Color)	4281474591 (0xFF321E1F)
YUV	36.0940, -2.5113, 12.1956
Hunter-Lab	13.0596, 4.8582, 2.2435

Details

The YIQ color **36.0940, 11.5990, 4.5510** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.9060, -11.5990, -4.5510**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.9910, 13.3870, 5.1870**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.5890, 14.5790, 5.6110**, and if you desaturate by 10%, it is **39.5990, 8.6190, 3.4910**.

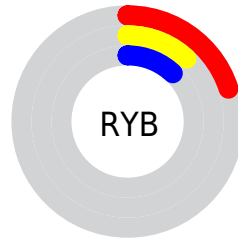
Distribution



Red (20%)

Green (12%)

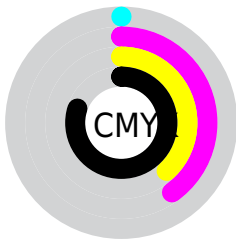
Blue (12%)



Red (20%)

Yellow (12%)

Blue (12%)

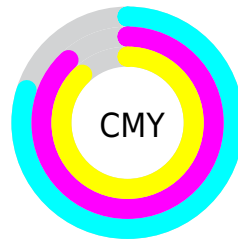


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.0940, 11.5990, 4.5510 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 36.0940, 11.5990, 4.5510 by changing the saturation by 10% instead.

■ 36.0940, 11.5990,
4.5510

■ 36.0940, 11.5990,
4.5510

■ 255.0000, -0.0000,
-0.0000

■ 13.1760, 14.3040,
5.0880

■ 80.9910, 13.3870,
5.1870

■ 0.0000, 0.0000,
0.0000

■ 105.1760, 14.3040,
5.0880

■ 130.4750, 14.9000,
5.3000

■ 156.7740, 15.4960,
5.5120

■ 183.4860, 16.3670,
6.2470

■ 211.3720, 16.6880,

5.9360

238.1760, 14.3040,
5.0880

36.0940, 11.5990,
4.5510

36.0940, 11.5990,
4.5510

32.5890, 14.5790,
5.6110

39.5990, 8.6190,
3.4910

29.1980, 17.2380,
6.9820

43.1040, 5.6390,
2.4310

25.6930, 20.2180,
8.0420

46.4950, 2.9800,
1.0600

22.1880, 23.1980,
9.1020

50.0000, -0.0000,
-0.0000

18.6830, 26.1780,
10.1620

53.5050, -2.9800,
-1.0600

■ 15.2920, 28.8370,
11.5330

■ 56.8960, -5.6390,
-2.4310

■ 60.4010, -8.6190,
-3.4910

■ 63.9060, -11.5990,
-4.5510

■ 67.4110, -14.5790,
-5.6110

Harmonies

Analogous

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



36.2940, 8.1600, 6.3040



36.0940, 11.5990, 4.5510



35.3990, 12.0580, 1.7380

Triad

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



36.0940, 11.5990, 4.5510



33.2290, -2.3830, -6.3750



33.8830, -12.7920, 0.5520

Complementary

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



36.0940, 11.5990, 4.5510



43.9060, -11.5990, -4.5510

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.



32.0240, -17.7430, -3.3350



36.0940, 11.5990, 4.5510



32.2220, -9.6730, -6.4170

Square

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



36.0940, 11.5990, 4.5510



34.2900, 4.8150, -4.6650



31.3400, -15.8170, -5.2010



35.1120, -6.0070, 4.2410

Rectangle

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



36.0940, 11.5990, 4.5510



35.3340, 10.6830, -0.8770



31.3400, -15.8170, -5.2010



33.2740, -15.4510, -0.8190

Sweetspot

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



36.0940, 11.5990, 4.5510



58.3920, 4.7680, 1.6960



37.9610, 4.9040, 10.2480



30.1960, 2.3840, 0.8480



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



36.0940, 11.5990, 4.5510



42.4970, 17.8340, 7.1940



41.2630, 9.4450, -0.4670



23.8970, 1.7880, 0.6360



27.1810, 51.4390, 20.4230



66.1370, 125.8010, 49.4250

Inverse Universe

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



36.0940, 11.5990, 4.5510



42.4970, 17.8340, 7.1940



38.7370, -9.4450, 0.4670



23.8970, 1.7880, 0.6360



27.1810, 51.4390, 20.4230



66.1370, 125.8010, 49.4250

Previews

White Background



This preview shows how the YIQ color 36.0940, 11.5990, 4.5510 looks on a white background.

Color Contrast Check

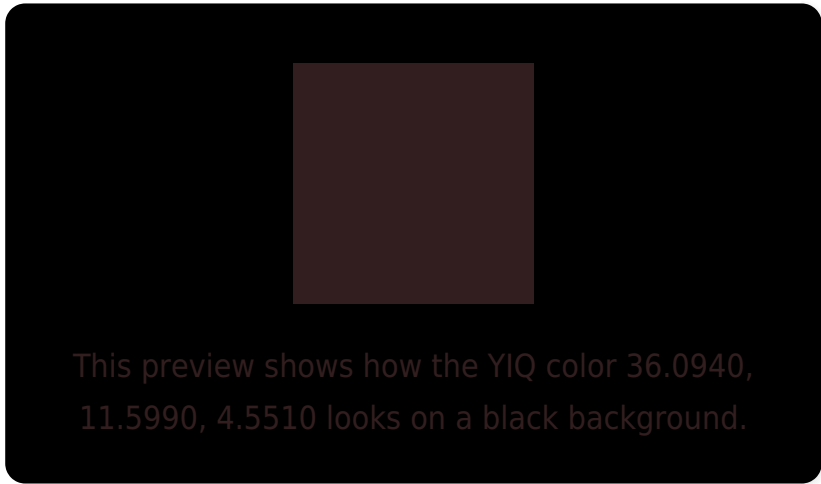
Large Text (above 18pt) WCAG AA ✓ Pass

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

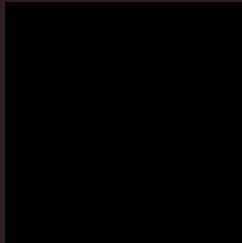
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.0940, 11.5990, 4.5510

Background



This preview shows how black text looks on a background with the YIQ color 36.0940, 11.5990, 4.5510.

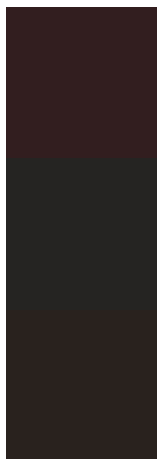


This preview shows how white text looks on a background with the YIQ color 36.0940, 11.5990,

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

36.0940, 11.5990, 4.5510

Protanopia

36.0710, 1.2380, -0.4100

Deuteranopia

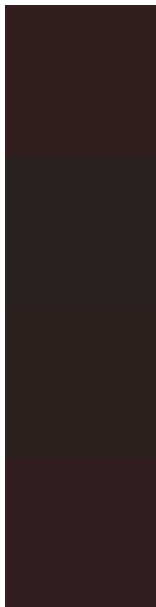
35.6370, 5.4560, 0.2400



Tritanopia

36.2080, 11.2780, 4.8620

Trichromacy



Original Color

36.0940, 11.5990, 4.5510

Protanomaly

36.2780, 5.0890, 1.3850

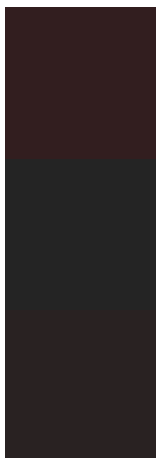
Deuteranomaly

35.9470, 7.5190, 1.3990

Tritanomaly

36.2080, 11.2780, 4.8620

Monochromacy



Original Color

36.0940, 11.5990, 4.5510

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.0940, 11.5990, 4.5510 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(50, 30, 31)` looks like.

```
.text, #text, p{  
    color:rgb(50, 30, 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(50, 30, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 30, 31) }
```

Border

The CSS property to change the border of an element to YIQ 36.0940, 11.5990, 4.5510 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(50, 30, 31) }
```


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

```
.border{ border-color:rgb(50, 30, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 30, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 30, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 30, 31);  
box-shadow:4px 4px 4px 4px rgb(50, 30, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.0940, 11.5990, 4.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 30, 31) }
```

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

```
.background{ background-color: rgb(50, 30,  
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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