

Converting Colors

YIQ(31.5580, -0.1900, 36.4980)

Have a look what the booklet for
YIQ(31.5580, -0.1900, 36.4980)
contains.

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Color

**YIQ(31.5580, -0.1900,
36.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	36085E
RGB	54, 8, 94
RGB Percent	21%, 3%, 37%
CMY	0.7881, 0.9687, 0.6314
CMYK	0.42, 0.92, 0.00, 0.63
HSL	272°, 84%, 20%
HSV	272°, 92%, 37%
XYZ	3.6298, 1.7665, 10.7353
YIQ	31.5580, -0.1900, 36.4980

Conversions

Conversions Part 2

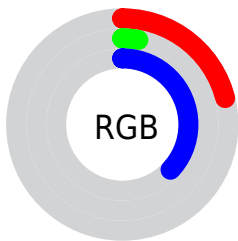
Format	Color
R_{YB}	54, 8, 94
Decimal	3541086
CIE _{Lab}	14.21, 38.16, -40.31
CIE _{LCh}	14, 55.504, 313.431
Yxy	1.7665, 0.2250, 0.1095
Android (android.graphics.Color)	4281731166 (0xFF36085E)
YUV	31.5580, 30.7839, 19.6816
Hunter-Lab	13.2910, 25.4891, -38.5854




Details

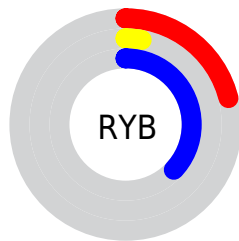
The YIQ color **31.5580, -0.1900, 36.4980** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **70.4420, 0.1900, -36.4980**, and the grayscale version is **31.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **82.2700, 0.6810, 37.2330**, and **5.3580, -15.0870, 14.6170** is the 20% darker color. If you saturate the color by 10%, you get **25.6660, -0.3740, 39.8340**, and if you desaturate by 10%, it is **38.0370, -0.2810, 32.6390**.

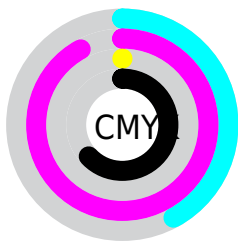
Distribution







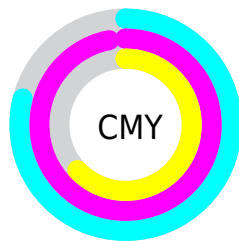
-  Red (21%)
-  Green (3%)
-  Blue (37%)






-  Red (21%)
-  Yellow (3%)
-  Blue (37%)



-  Cyan (42%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (79%)
-  Magenta (97%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.5580, -0.1900, 36.4980 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 31.5580, -0.1900, 36.4980 by changing the saturation by 10% instead.

■ 31.5580, -0.1900,
36.4980

■ 31.5580, -0.1900,
36.4980

■ 248.5430, 3.0250,
5.7530

■ 16.6510, -5.1860,
27.9180

■ 82.2700, 0.6810,
37.2330

■ 5.3580, -15.0870,
14.6170

■ 107.2100, 0.9100,
38.5900

■ 3.4370, -8.3000,
7.2520

■ 133.4490, 1.7350,
40.1590

■ 0.0000, 0.0000,
0.0000

■ 159.9760, 1.6890,
40.9930

■ 187.5740, 2.8810,
41.4170

■ 212.0940, 12.7400,

33.4440

231.5200, 11.0000,
20.9200

31.5580, -0.1900,
36.4980

31.5580, -0.1900,
36.4980

25.6660, -0.3740,
39.8340

38.0370, -0.2810,
32.6390

45.4020, -0.0510,
28.4690

51.8810, -0.1420,
24.6100

59.2460, 0.0880,
20.4400

65.7250, -0.0030,
16.5810

■ 72.2040, -0.0940,
12.7220

■ 79.5690, 0.1360,
8.5520

■ 86.0480, 0.0450,
4.6930

■ 93.1140, -0.3210,
0.3110

Harmonies

Analogous

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



34.7150, -46.7690, 16.1030



31.5580, -0.1900, 36.4980



33.9350, 35.2970, 37.6410

Triad

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



31.5580, -0.1900, 36.4980



34.0990, 30.3980, -0.2420



35.9790, -31.0380, -10.1900

Complementary

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



31.5580, -0.1900, 36.4980



70.4420, 0.1900, -36.4980

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.



30.4900, -16.9600, -23.0400



31.5580, -0.1900, 36.4980



32.4500, 6.8800, -14.5600

Square

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



31.5580, -0.1900, 36.4980



26.0130, 51.8520, 18.4440



27.0020, -12.6500, -24.0580



39.6100, -42.6400, 1.8400

Rectangle

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



31.5580, -0.1900, 36.4980



33.1780, 47.4940, 31.3500



27.0020, -12.6500, -24.0580



34.4970, -26.8650, -14.2330

Sweetspot

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



31.5580, -0.1900, 36.4980



98.1440, 0.1350, 14.0790



41.2840, -38.6060, 5.8260



47.1560, -0.1390, 8.0290



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.



31.5580, -0.1900, 36.4980



33.6420, 0.1740, 51.9340



43.1760, 24.6130, 44.0450



42.4670, 0.1830, 2.1910



30.1810, -0.1460, 46.7180



64.9910, -0.3850, 100.6310

Inverse Universe

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



38.2740, 38.4160, 30.6720



42.9760, 54.4150, 43.5910



58.8240, -24.6130, -44.0450



42.7230, 2.3380, 1.6820



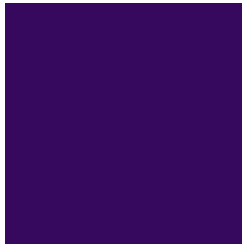
38.7040, 49.1890, 39.1810



83.4030, 105.9420, 84.4540

Previews

White Background



This preview shows how the YIQ color 31.5580, -0.1900, 36.4980 looks on a white background.

Color Contrast Check

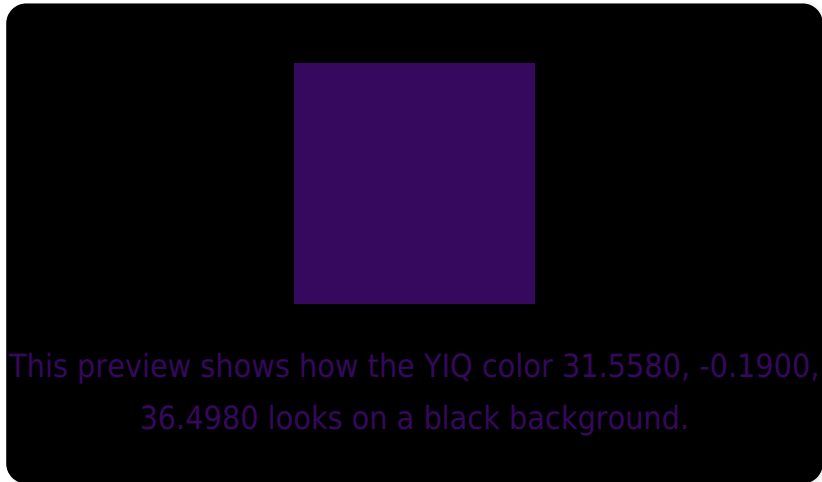
Large Text (above 18pt) WCAG AA ✓ Pass

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

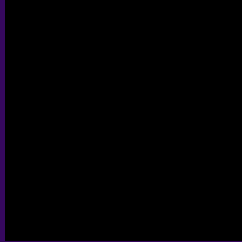
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.5580, -0.1900, 36.4980

Background



This preview shows how black text looks on a background with the YIQ color 31.5580, -0.1900, 36.4980.



This preview shows how white text looks on a background with the YIQ color 31.5580, -0.1900,

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

31.5580, -0.1900, 36.4980

Protanopia

30.6110, -35.2130, 4.9070

Tritanopia

38.8370, 2.0170, 1.9930

Trichromacy



Original Color

31.5580, -0.1900, 36.4980

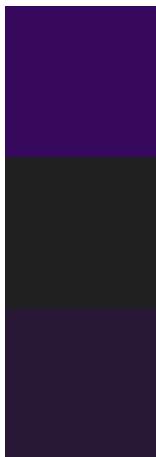
Protanomaly

30.8180, -22.1940, 16.7660

Tritanomaly

35.8560, 1.0060, 14.8140

Monochromacy



Original Color

31.5580, -0.1900, 36.4980

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.7310, -0.1400, 13.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.5580, -0.1900, 36.4980 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, 8, 94)` looks like.

```
.text, #text, p{  
    color:rgb(54, 8, 94)  
}
```

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, 8, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 8, 94) }
```

Border

The CSS property to change the border of an element to YIQ 31.5580, -0.1900, 36.4980 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, 8, 94) }
```

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

```
.border{ border-color:rgb(54, 8, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 8, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 8, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 8, 94); box-shadow:4px  
4px 4px 4px rgb(54, 8, 94) }
```


Background

The CSS property to change the background color of an element to YIQ 31.5580, -0.1900, 36.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 8, 94) }
```

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

```
.background{ background-color: rgb(54, 8,  
94) }
```

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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