

Converting Colors

YIQ(46.3600, 8.9350, 30.8150)

Have a look what the booklet for
YIQ(46.3600, 8.9350, 30.8150)
contains.

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Color

**YIQ(46.3600, 8.9350,
30.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1859
RGB	74, 24, 89
RGB Percent	29%, 9%, 35%
CMY	0.7096, 0.9060, 0.6510
CMYK	0.17, 0.73, 0.00, 0.65
HSL	286°, 58%, 22%
HSV	286°, 73%, 35%
XYZ	4.9564, 2.8311, 9.7356
YIQ	46.3600, 8.9350, 30.8150

Conversions

Conversions Part 2

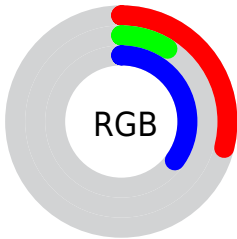
Format	Color
R_{YB}	74, 24, 89
Decimal	4855897
CIE _{Lab}	19.35, 34.41, -28.48
CIE _{LCh}	19, 44.667, 320.391
Yxy	2.8311, 0.2828, 0.1616
Android (android.graphics.Color)	4283045977 (0xFF4A1859)
YUV	46.3600, 21.0215, 24.2403
Hunter-Lab	16.8258, 23.1357, -22.5277

Details

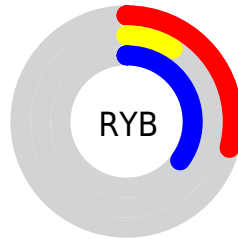
The YIQ color **46.3600, 8.9350, 30.8150** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.6400, -8.9350, -30.8150**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **95.4850, 10.0810, 32.0730**, and **14.1710, 4.6730, 19.9450** is the 20% darker color. If you saturate the color by 10%, you get **40.4790, 10.2180, 35.0980**, and if you desaturate by 10%, it is **52.2410, 7.6520, 26.5320**.

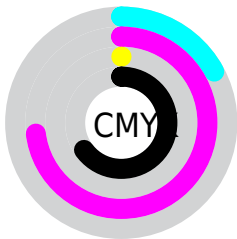
Distribution



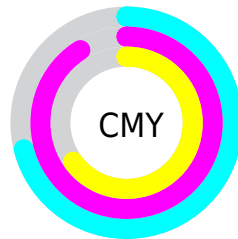
- Red (29%)
- Green (9%)
- Blue (35%)



- Red (29%)
- Yellow (9%)
- Blue (35%)



- Cyan (17%)
- Magenta (73%)
- Yellow (0%)
- Black (65%)



- Cyan (71%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.3600, 8.9350, 30.8150 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 46.3600, 8.9350, 30.8150 by changing the saturation by 10% instead.

46.3600, 8.9350,
30.8150

46.3600, 8.9350,
30.8150

255.0000, -0.0000,
-0.0000

22.3600, 8.9350,
30.8150

95.4850, 10.0810,
32.0730

14.1710, 4.6730,
19.9450

121.3110, 10.6310,
33.1190

2.9810, -7.0160,
6.0080

147.1370, 11.1810,
34.1650


0.0000, 0.0000,
0.0000


173.9630, 11.7310,
35.2110

201.7890, 12.2810,
36.2570


224.4760, 14.3000,


27.1960


 241.4990, 6.3250,
12.0290


 46.3600, 8.9350,
30.8150

 46.3600, 8.9350,
30.8150


 40.4790, 10.2180,
35.0980

 52.2410, 7.6520,
26.5320


 34.5980, 11.5010,
39.3810

 58.1220, 6.3690,
22.2490

 30.7770, 12.5550,
42.3070

 64.0030, 5.0860,
17.9660

 69.8840, 3.8030,
13.6830

 75.1780, 2.7950,
9.9230

■ 81.0590, 1.5120,
5.6400

■ 86.9400, 0.2290,
1.3570

■ 92.8210, -1.0540,
-2.9260

■ 98.7020, -2.3370,
-7.2090

Harmonies

Analogous

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



37.6670, -46.8140, 11.4100



46.3600, 8.9350, 30.8150



36.0280, 39.4690, 39.1250

Triad

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



46.3600, 8.9350, 30.8150



44.9860, 28.9780, -7.5500



43.0860, -38.6490, -9.9210

Complementary

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



46.3600, 8.9350, 30.8150



66.6400, -8.9350, -30.8150

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.



39.2100, -27.7350, -20.4950



46.3600, 8.9350, 30.8150



41.8860, 8.3480, -19.1400

Square

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



46.3600, 8.9350, 30.8150



41.5850, 46.7650, 6.0050



33.4590, -15.6750, -29.8110



45.6910, -47.3620, -0.6900

Rectangle

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



46.3600, 8.9350, 30.8150



34.7160, 48.9150, 33.1310



33.4590, -15.6750, -29.8110



41.8320, -35.1180, -13.3420

Sweetspot

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



46.3600, 8.9350, 30.8150



98.5310, 3.2990, 11.8030



40.2150, -24.9900, 12.3700



48.4120, 2.0160, 7.5200



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.



46.3600, 8.9350, 30.8150



48.8360, 14.0670, 47.9470



48.9070, 23.3320, 28.7080



40.3530, 0.5040, 1.8800



36.7160, 14.5250, 50.6610



80.9090, 32.4410, 111.4570

Inverse Universe

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



45.1450, 33.9250, 18.4450



46.8210, 52.8130, 28.5650



64.0930, -23.3320, -28.7080



40.3100, 2.0630, 1.1590



34.8430, 55.7470, 30.4590



76.4210, 122.7260, 66.6140

Previews

White Background



This preview shows how the YIQ color 46.3600, 8.9350, 30.8150 looks on a white background.

Color Contrast Check

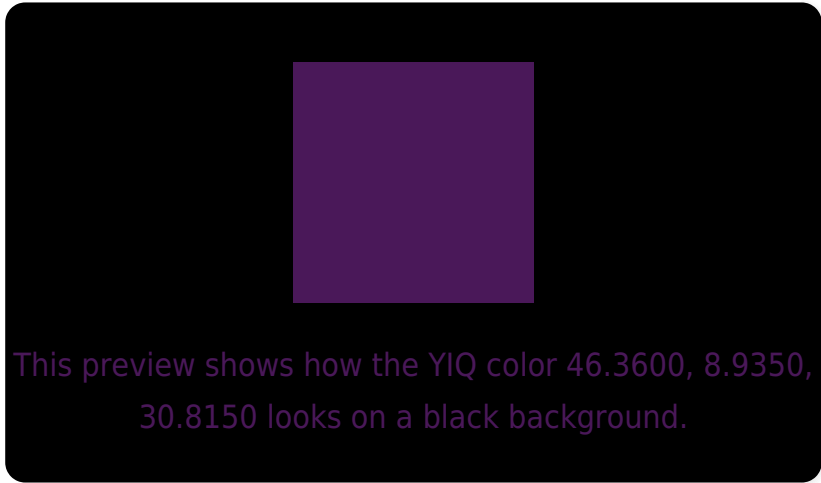
Large Text (above 18pt) WCAG AA ✓ Pass

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

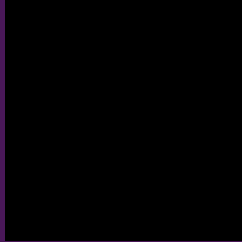
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.3600, 8.9350, 30.8150

Background



This preview shows how black text looks on a background with the YIQ color 46.3600, 8.9350, 30.8150.



This preview shows how white text looks on a background with the YIQ color 46.3600, 8.9350,

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

46.3600, 8.9350, 30.8150

Protanopia

38.8750, -44.7040, 6.2080

Deuteranopia

43.5360, -30.6280, 4.4120



Tritanopia

48.7140, 15.7250, 6.8690

Trichromacy



Original Color

46.3600, 8.9350, 30.8150

Protanomaly

41.7960, -25.1280, 14.8720

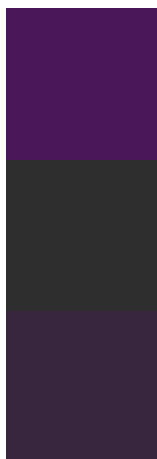
Deuteranomaly

44.6460, -15.9580, 13.8820

Tritanomaly

47.7280, 13.1100, 15.7180

Monochromacy



Original Color

46.3600, 8.9350, 30.8150

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.1180, 3.0240, 11.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.3600, 8.9350, 30.8150 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(74, 24, 89)` looks like.

```
.text, #text, p{  
    color:rgb(74, 24, 89)  
}
```

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(74, 24, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 24, 89) }
```

Border

The CSS property to change the border of an element to YIQ 46.3600, 8.9350, 30.8150 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(74, 24, 89) }
```


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

```
.border{ border-color:rgb(74, 24, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 24, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 24, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 24, 89);  
box-shadow:4px 4px 4px 4px rgb(74, 24, 89)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.3600, 8.9350, 30.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 24, 89) }
```

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

```
.background{ background-color: rgb(74, 24,  
89) }
```

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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