

Converting Colors

YIQ(48.6600, 69.6840, 36.6920)

Have a look what the booklet for
YIQ(48.6600, 69.6840, 36.6920)
contains.

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Color

**YIQ(48.6600, 69.6840,
36.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0622
RGB	138, 6, 34
RGB Percent	54%, 2%, 13%
CMY	0.4585, 0.9766, 0.8664
CMYK	0.00, 0.96, 0.75, 0.46
HSL	347°, 92%, 28%
HSV	347°, 96%, 54%
XYZ	10.8494, 5.6554, 2.0381
YIQ	48.6600, 69.6840, 36.6920

Conversions

Conversions Part 2

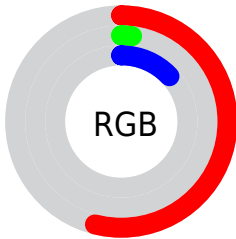
Format	Color
RYB	138, 6, 34
Decimal	9045538
CIELab	28.53, 50.62, 23.67
CIELCh	29, 55.882, 25.056
Yxy	5.6554, 0.5851, 0.3050
Android (android.graphics.Color)	4287235618 (0xFF8A0622)
YUV	48.6600, -7.2274, 78.3512
Hunter-Lab	23.7811, 39.8185, 11.5655

Details

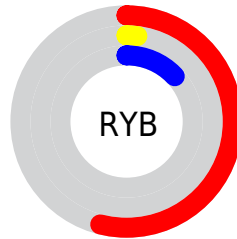
The YIQ color **48.6600, 69.6840, 36.6920** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **95.3400, -69.6840, -36.6920**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.3580, 73.1700, 28.5780**, and **23.9200, 47.6800, 16.9600** is the 20% darker color. If you saturate the color by 10%, you get **44.5680, 72.9390, 38.2750**, and if you desaturate by 10%, it is **58.1320, 62.3030, 32.7910**.

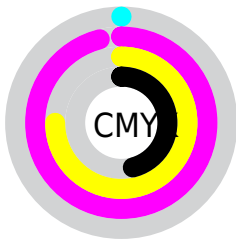
Distribution



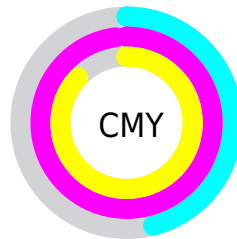
- Red (54%)
- Green (2%)
- Blue (13%)



- Red (54%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (75%)
- Black (46%)





- Cyan (46%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 48.6600, 69.6840, 36.6920 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 48.6600, 69.6840, 36.6920 by changing the saturation by 10% instead.


 48.6600, 69.6840,
36.6920


 48.6600, 69.6840,
36.6920


255.0000, -0.0000,
-0.0000


 34.0730, 60.7910,
27.1510


 110.3580, 73.1700,
28.5780


 23.9200, 47.6800,
16.9600

 138.2120, 76.5170,
28.4930


 16.0750, 30.9460,
11.8580

 164.6850, 76.5630,
27.6590

 0.8970, 1.7880,
0.6360


 184.0850, 60.5170,
21.1010


 0.0000, 0.0000,
0.0000


 203.5990, 44.1500,
14.8540


 223.1130, 27.7830,


8.6070


 243.4420, 10.4990,
2.4590


 48.6600, 69.6840,
36.6920


 48.6600, 69.6840,
36.6920


 44.5680, 72.9390,
38.2750

 58.1320, 62.3030,
32.7910

 67.6040, 54.9220,
28.8900

 76.4890, 47.8160,
25.5120

 85.9610, 40.4350,
21.6110

 95.3190, 33.3750,
17.3990

■ 104.7910, 25.9940,
13.4980

■ 114.2630, 18.6130,
9.5970

■ 123.1480, 11.5070,
6.2190

■ 132.6200, 4.1260,
2.3180

Harmonies

Analogous

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



49.6270, 57.2560, 52.6800



48.6600, 69.6840, 36.6920



60.5340, 59.9700, 3.4740

Triad

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



48.6600, 69.6840, 36.6920



49.1600, -25.4390, -40.0870



61.6950, -70.3800, 8.9800

Complementary

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



48.6600, 69.6840, 36.6920



95.3400, -69.6840, -36.6920

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.



64.4530, -67.1230, -0.4910



48.6600, 69.6840, 36.6920



56.0340, -42.0390, -25.5830

Square

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



48.6600, 69.6840, 36.6920



58.6760, 8.5790, -28.8370



61.6370, -56.4380, -12.4220



62.7530, -40.7640, 22.9160

Rectangle

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



48.6600, 69.6840, 36.6920



63.6580, 44.5210, -8.3990



61.6370, -56.4380, -12.4220



63.7010, -70.5170, 5.9550

Sweetspot

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



48.6600, 69.6840, 36.6920



143.8020, 27.4610, 14.4450



51.8450, 19.0160, 62.8880



68.0670, 16.2290, 8.7490



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



48.6600, 69.6840, 36.6920



57.8530, 94.4860, 49.7660



67.1870, 68.4970, 8.6330



64.2070, 3.8510, 1.7950



42.9590, 70.2800, 36.9040



1.6090, 2.6590, 1.3710

Inverse Universe

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



48.6600, 69.6840, 36.6920



57.8530, 94.4860, 49.7660



76.8130, -68.4970, -8.6330



64.2070, 3.8510, 1.7950



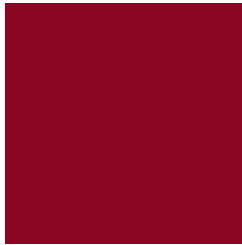
42.9590, 70.2800, 36.9040



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 48.6600, 69.6840, 36.6920 looks on a white background.

Color Contrast Check

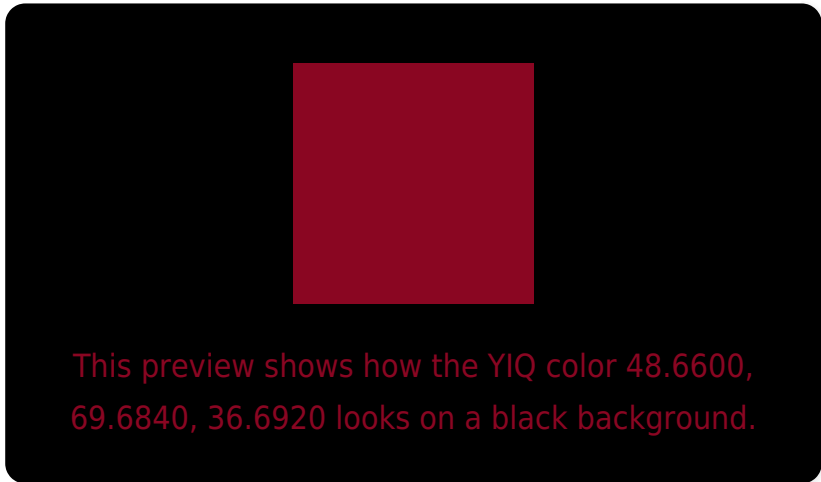
Large Text (above 18pt) WCAG AA ✓ Pass

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

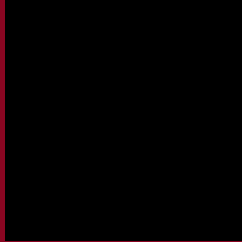
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.6600, 69.6840, 36.6920

Background



This preview shows how black text looks on a background with the YIQ color 48.6600, 69.6840, 36.6920.



This preview shows how white text looks on a background with the YIQ color 48.6600, 69.6840,

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

48.6600, 69.6840, 36.6920

Protanopia

69.3290, 9.0790, -4.8490

Deuteranopia

68.6050, 25.6770, -8.2990



Tritanopia

51.2070, 74.9130, 24.5210

Trichromacy



Original Color

48.6600, 69.6840, 36.6920

Protanomaly

62.0210, 31.0380, 10.1900

Deuteranomaly

61.4150, 41.4920, 7.9560

Tritanomaly

50.4720, 72.8490, 28.8890

Monochromacy



Original Color

48.6600, 69.6840, 36.6920

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.6060, 25.0770, 13.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.6600, 69.6840, 36.6920 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(138, 6, 34)` looks like.

```
.text, #text, p{  
    color:rgb(138, 6, 34)  
}
```

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(138, 6, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 6, 34) }
```

Border

The CSS property to change the border of an element to YIQ 48.6600, 69.6840, 36.6920 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(138, 6, 34) }
```


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

```
.border{ border-color:rgb(138, 6, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 6, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 6, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 6, 34);  
box-shadow:4px 4px 4px 4px rgb(138, 6, 34)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.6600, 69.6840, 36.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 6, 34) }
```

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

```
.background{ background-color: rgb(138, 6,  
34) }
```

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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