

Converting Colors

YIQ(42.9360, 16.3610, 39.4090)

Have a look what the booklet for
YIQ(42.9360, 16.3610, 39.4090)
contains.

YIQ(42.9360, 16.3610, 39.4090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(42.9360, 16.3610,
39.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	530D5C
RGB	83, 13, 92
RGB Percent	33%, 5%, 36%
CMY	0.6743, 0.9491, 0.6392
CMYK	0.10, 0.86, 0.00, 0.64
HSL	293°, 75%, 21%
HSV	293°, 86%, 36%
XYZ	5.6475, 2.9013, 10.3878
YIQ	42.9360, 16.3610, 39.4090

Conversions

Conversions Part 2

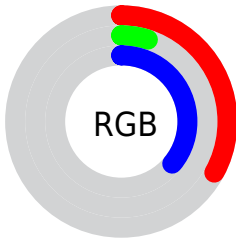
Format	Color
RYB	83, 13, 92
Decimal	5442908
CIELab	19.64, 41.47, -29.93
CIELCh	20, 51.143, 324.179
Yxy	2.9013, 0.2982, 0.1532
Android (android.graphics.Color)	4283632988 (0xFF530D5C)
YUV	42.9360, 24.1886, 35.1361
Hunter-Lab	17.0333, 29.3746, -24.2348

Details

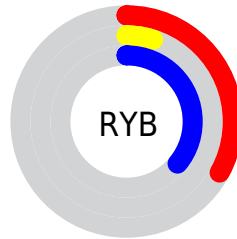
The YIQ color **42.9360, 16.3610, 39.4090** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.0640, -16.3610, -39.4090**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.4090, 16.4070, 38.5750**, and **16.6060, 7.8820, 22.3620** is the 20% darker color. If you saturate the color by 10%, you get **37.3540, 18.2400, 43.9040**, and if you desaturate by 10%, it is **48.5180, 14.4820, 34.9140**.

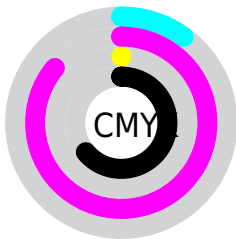
Distribution



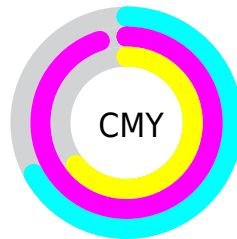
- Red (33%)
- Green (5%)
- Blue (36%)



- Red (33%)
- Yellow (5%)
- Blue (36%)



- Cyan (10%)
- Magenta (86%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.9360, 16.3610, 39.4090 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 42.9360, 16.3610, 39.4090 by changing the saturation by 10% instead.

42.9360, 16.3610,
39.4090

42.9360, 16.3610,
39.4090

255.0000, -0.0000,
-0.0000

25.0940, 12.7400,
33.4440

95.4090, 16.4070,
38.5750

16.6060, 7.8820,
22.3620

121.4200, 17.8740,
39.5220

3.3230, -7.9790,
6.9410

147.9470, 17.8280,
40.3560


0.0000, 0.0000,
0.0000


175.0720, 18.9740,
41.6140


203.4850, 19.2490,
42.1370


221.5410, 15.6750,


29.8110


 238.5640, 7.7000,
14.6440


 42.9360, 16.3610,
39.4090


 42.9360, 16.3610,
39.4090


 37.3540, 18.2400,
43.9040


 48.5180, 14.4820,
34.9140

 35.0060, 19.3400,
45.9960

 54.1000, 12.6030,
30.4190

 60.2690, 10.4490,
25.4010

 65.8510, 8.5700,
20.9060

 71.4330, 6.6910,
16.4110

■ 77.0150, 4.8120,
11.9160

■ 82.5970, 2.9330,
7.4210

■ 88.7660, 0.7790,
2.4030

■ 94.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



38.3020, -47.0440, 15.5800



42.9360, 16.3610, 39.4090



38.4910, 45.4750, 40.4110

Triad

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



42.9360, 16.3610, 39.4090



45.5620, 27.2360, -9.0200



45.1720, -41.7670, -8.4790

Complementary

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



42.9360, 16.3610, 39.4090



62.0640, -16.3610, -39.4090

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.



40.8400, -29.5690, -20.2970



42.9360, 16.3610, 39.4090



40.6680, 3.0300, -21.8820

Square

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



42.9360, 16.3610, 39.4090



41.5960, 48.2320, 6.9520



34.6330, -16.2250, -30.8570



48.2330, -51.7640, 1.9960

Rectangle

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



42.9360, 16.3610, 39.4090



36.2390, 54.6920, 33.0600



34.6330, -16.2250, -30.8570



43.8040, -37.9150, -12.2110

Sweetspot

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



42.9360, 16.3610, 39.4090



100.6070, 6.1410, 15.3650



27.2890, -27.8340, 19.8620



49.2490, 4.0330, 9.5130



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.



42.9360, 16.3610, 39.4090



45.3740, 24.6560, 59.7920



42.2070, 31.3550, 31.9870



42.7660, 0.7790, 2.4030



41.5430, 22.5020, 54.7740



89.8080, 49.0830, 118.2270

Inverse Universe

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



37.6470, 44.1950, 19.5470



37.4760, 67.0260, 29.7940



62.7930, -31.3550, -31.9870



42.6090, 2.6590, 1.3710



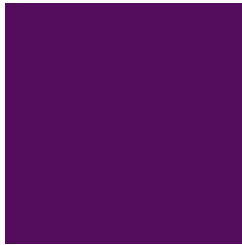
34.2580, 61.7080, 27.0520



73.9410, 132.5850, 58.6410

Previews

White Background



This preview shows how the YIQ color 42.9360, 16.3610, 39.4090 looks on a white background.

Color Contrast Check

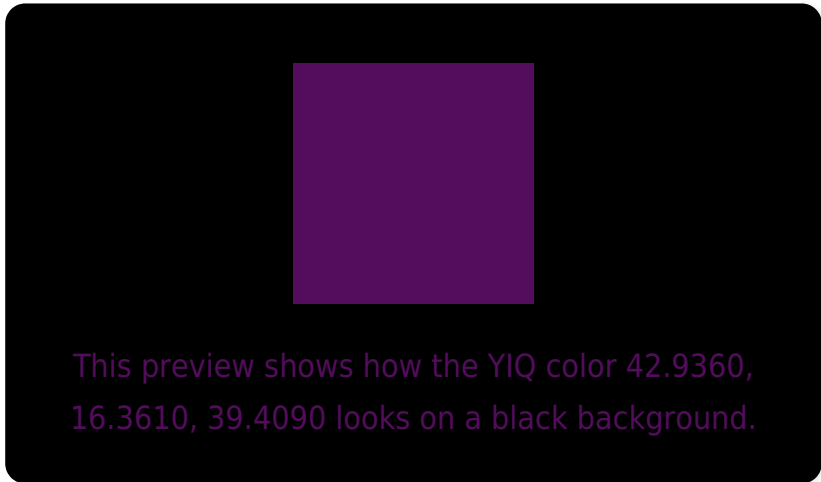
Large Text (above 18pt) WCAG AA ✓ Pass

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

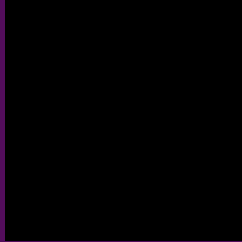
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.9360, 16.3610, 39.4090

Background



This preview shows how black text looks on a background with the YIQ color 42.9360, 16.3610, 39.4090.



This preview shows how white text looks on a background with the YIQ color 42.9360, 16.3610,

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

42.9360, 16.3610, 39.4090

Protanopia

39.8040, -45.9420, 6.6180

Deuteranopia

44.9490, -30.3530, 4.9350



Tritanopia

49.8890, 22.6020, 8.8900

Trichromacy



Original Color

42.9360, 16.3610, 39.4090

Protanomaly

40.6870, -23.2030, 18.5330

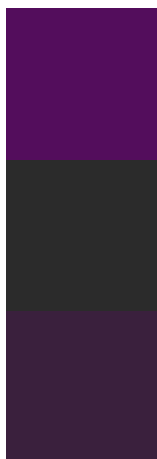
Deuteranomaly

44.4230, -13.7120, 17.2320

Tritanomaly

47.3700, 20.1700, 19.9300

Monochromacy



Original Color

42.9360, 16.3610, 39.4090

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0800, 6.1870, 14.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.9360, 16.3610, 39.4090 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(83, 13, 92)` looks like.

```
.text, #text, p{  
    color:rgb(83, 13, 92)  
}
```

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(83, 13, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 13, 92) }
```

Border

The CSS property to change the border of an element to YIQ 42.9360, 16.3610, 39.4090 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(83, 13, 92) }
```


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

```
.border{ border-color:rgb(83, 13, 92) }
```

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

Here you see how a box with a 4 pixel rgb(83, 13, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 13, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 13, 92);  
box-shadow:4px 4px 4px 4px rgb(83, 13, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.9360, 16.3610, 39.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 13, 92) }
```

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

```
.background{ background-color: rgb(83, 13,  
92) }
```

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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