

Converting Colors

YIQ(95.4250, 46.9820, 73.6860)

Have a look what the booklet for
YIQ(95.4250, 46.9820, 73.6860)
contains.

YIQ(95.4250, 46.9820, 73.6860)	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(95.4250, 46.9820,
73.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	BA23A9
RGB	186, 35, 169
RGB Percent	73%, 14%, 66%
CMY	0.2701, 0.8630, 0.3372
CMYK	0.00, 0.81, 0.09, 0.27
HSL	307°, 68%, 43%
HSV	307°, 81%, 73%
XYZ	28.0397, 14.5170, 38.8707
YIQ	95.4250, 46.9820, 73.6860

Conversions

Conversions Part 2

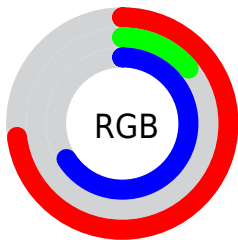
Format	Color
R_{YB}	186, 35, 169
Decimal	12198825
CIE _{Lab}	44.97, 70.07, -36.77
CIE _{LCh}	45, 79.128, 332.313
Yxy	14.5170, 0.3444, 0.1783
Android (android.graphics.Color)	4290388905 (0xFFBA23A9)
YUV	95.4250, 36.2725, 79.4343
Hunter-Lab	38.1011, 64.6863, -33.8167

Details

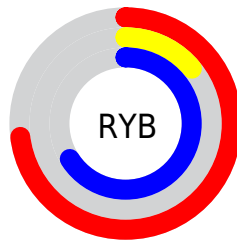
The YIQ color **95.4250, 46.9820, 73.6860** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **125.5750, -46.9820, -73.6860**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.6050, 46.2950, 69.6150**, and **51.4960, 39.0520, 63.2120** is the 20% darker color. If you saturate the color by 10%, you get **84.0440, 52.8490, 83.0010**, and if you desaturate by 10%, it is **106.8060, 41.1150, 64.3710**.

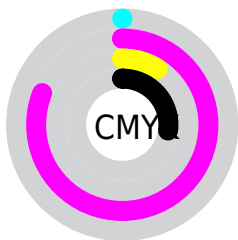
Distribution



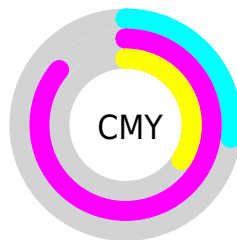
- Red (73%)
- Green (14%)
- Blue (66%)



- Red (73%)
- Yellow (14%)
- Blue (66%)



- Cyan (0%)
- Magenta (81%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (86%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4250, 46.9820, 73.6860 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 95.4250, 46.9820, 73.6860 by changing the saturation by 10% instead.

95.4250, 46.9820,
73.6860

95.4250, 46.9820,
73.6860

255.0000, -0.0000,
-0.0000

63.1310, 47.9900,
77.4460

157.9040, 46.8910,
69.8270

51.7950, 39.6480,
63.4240

180.9240, 34.9710,
65.5870

40.5730, 30.9850,
49.7130

197.4740, 26.9500,
51.2540

29.4650, 22.0010,
36.3130

215.0840, 18.7000,
35.5640

19.0690, 13.8880,
23.6480

232.1070, 10.7250,
20.3970

2.8070, -6.4660,
7.0540

249.7170, 2.4750,

0.0000, 0.0000,

4.7070

0.0000

■ 95.4250, 46.9820,
73.6860

■ 95.4250, 46.9820,
73.6860

■ 84.0440, 52.8490,
83.0010

■ 106.8060, 41.1150,
64.3710

■ 74.4240, 57.8910,
90.7470

■ 117.6000, 35.5230,
55.5790

■ 128.9810, 29.6560,
46.2640

■ 139.7750, 24.0640,
37.4720

■ 151.2700, 17.8760,
28.4680

■ 162.6510, 12.0090,
19.1530

■ 173.4450, 6.4170,
10.3610

■ 184.8260, 0.5500,
1.0460

■ 195.6200, -5.0420,
-7.7460

Harmonies

Analogous

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



105.1740, -33.7990, 45.3770



95.4250, 46.9820, 73.6860



76.4400, 95.3520, 78.1360

Triad

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



95.4250, 46.9820, 73.6860



99.8960, 45.9460, -28.7260



98.1350, -93.0710, -14.8230

Complementary

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



95.4250, 46.9820, 73.6860



125.5750, -46.9820, -73.6860

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.



90.6110, -71.8850, -35.3490



95.4250, 46.9820, 73.6860



87.7600, -1.3660, -52.3580

Square

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



95.4250, 46.9820, 73.6860



97.8230, 83.7210, -2.9590



80.6420, -47.9480, -56.1720



100.6720, -107.1040, 2.7200

Rectangle

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



95.4250, 46.9820, 73.6860



71.2390, 108.5590, 64.5510



80.6420, -47.9480, -56.1720



95.7410, -86.3300, -21.3540

Sweetspot

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



95.4250, 46.9820, 73.6860



207.2700, 17.8760, 28.4680



56.6990, -39.5310, 50.1410



100.9990, 10.9090, 17.0610



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



95.4250, 46.9820, 73.6860



101.0910, 72.9710, 114.8190



86.9890, 70.7360, 50.6720



86.6030, 2.7960, 4.3960



62.3760, 48.6780, 75.9900



11.2220, 8.6630, 13.7110

Inverse Universe

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



95.4250, 46.9820, 73.6860



101.0910, 72.9710, 114.8190



134.0110, -70.7360, -50.6720



86.6030, 2.7960, 4.3960



62.3760, 48.6780, 75.9900



11.2220, 8.6630, 13.7110

Previews

White Background



This preview shows how the YIQ color 95.4250, 46.9820, 73.6860 looks on a white background.

Color Contrast Check

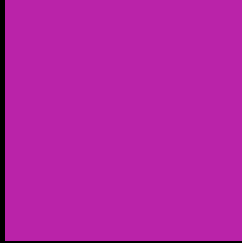
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 95.4250, 46.9820, 73.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

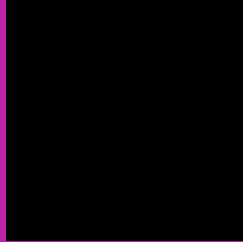
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.4250, 46.9820, 73.6860

Background



This preview shows how black text looks on a background with the YIQ color 95.4250, 46.9820, 73.6860.



This preview shows how white text looks on a background with the YIQ color 95.4250, 46.9820,

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

95.4250, 46.9820, 73.6860

Protanopia

86.1280, -99.2200, 14.0280

Deuteranopia

106.0510, -30.4000, 11.2960



Tritanopia

103.9650, 60.9750, 23.8150

Trichromacy



Original Color

95.4250, 46.9820, 73.6860



Protanomaly

89.6190, -45.7180, 35.6100



Deuteranomaly

102.3080, -2.4820, 33.9820



Tritanomaly

100.9930, 55.7450, 41.5130

Monochromacy



Original Color

95.4250, 46.9820, 73.6860



Achromatopsia

95.0000, -0.0000, -0.0000



Achromatomaly

95.0310, 17.0510, 26.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4250, 46.9820, 73.6860 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(186, 35, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 35, 169)  
}
```

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(186, 35, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 35, 169) }
```

Border

The CSS property to change the border of an element to YIQ 95.4250, 46.9820, 73.6860 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(186, 35, 169) }
```


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

```
.border{ border-color:rgb(186, 35, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 35, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 35, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 35, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 35,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4250, 46.9820, 73.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 35, 169) }
```

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

```
.background{ background-color: rgb(186, 35,  
169) }
```

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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