

Converting Colors

YIQ(95.8420, 4.7620, 34.8580)

Have a look what the booklet for
YIQ(95.8420, 4.7620, 34.8580)
contains.

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Color

**YIQ(95.8420, 4.7620,
34.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4896
RGB	122, 72, 150
RGB Percent	48%, 28%, 59%
CMY	0.5214, 0.7177, 0.4118
CMYK	0.19, 0.52, 0.00, 0.41
HSL	279°, 35%, 44%
HSV	279°, 52%, 59%
XYZ	15.8523, 10.9744, 30.1325
YIQ	95.8420, 4.7620, 34.8580

Conversions

Conversions Part 2

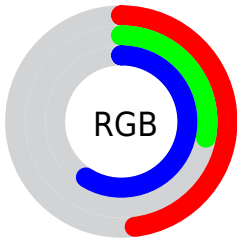
Format	Color
R_{YB}	122, 72, 150
Decimal	8013974
CIE _{Lab}	39.54, 35.84, -34.58
CIE _{LCh}	40, 49.802, 316.026
Yxy	10.9744, 0.2783, 0.1927
Android (android.graphics.Color)	4286204054 (0xFF7A4896)
YUV	95.8420, 26.6999, 22.9406
Hunter-Lab	33.1276, 27.4427, -30.7401

Details

The YIQ color **95.8420, 4.7620, 34.8580** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **126.1580, -4.7620, -34.8580**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6080, 5.5410, 37.2610**, and **46.6030, 3.9370, 33.2890** is the 20% darker color. If you saturate the color by 10%, you get **85.5420, 5.9070, 41.6430**, and if you desaturate by 10%, it is **106.1420, 3.6170, 28.0730**.

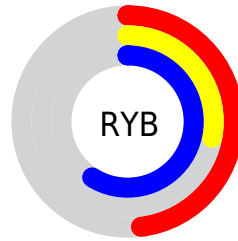
Distribution



Red (48%)

Green (28%)

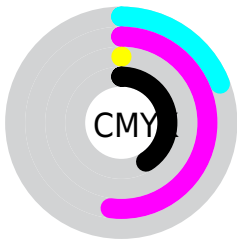
Blue (59%)



Red (48%)

Yellow (28%)

Blue (59%)

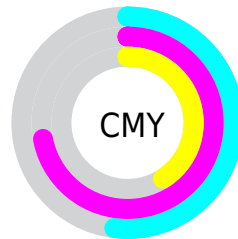


Cyan (19%)

Magenta (52%)

Yellow (0%)

Black (41%)



Cyan (52%)

Magenta (72%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8420, 4.7620, 34.8580 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 95.8420, 4.7620, 34.8580 by changing the saturation by 10% instead.

95.8420, 4.7620,
34.8580

95.8420, 4.7620,
34.8580

255.0000, -0.0000,
-0.0000

71.0160, 4.2120,
33.8120

147.6080, 5.5410,
37.2610

46.6030, 3.9370,
33.2890

175.0210, 5.8160,
37.7840

22.1900, 3.6620,
32.7660

202.0490, 8.6130,
36.6530

13.8870, -0.2790,
21.5850

224.4760, 14.3000,
27.1960

4.4800, -9.8590,
7.9730

241.4990, 6.3250,
12.0290

0.0000, 0.0000,
0.0000

95.8420, 4.7620,
34.8580

95.8420, 4.7620,
34.8580

85.5420, 5.9070,
41.6430

106.1420, 3.6170,
28.0730

74.9430, 6.4560,
48.2160

116.7410, 3.0680,
21.5000

64.6430, 7.6010,
55.0010

127.0410, 1.9230,
14.7150

54.3430, 8.7460,
61.7860

137.6400, 1.3740,
8.1420

45.8040, 9.0660,
67.0020

147.9400, 0.2290,
1.3570

158.2400, -0.9160,
-5.4280

168.8390, -1.4650,
-12.0010

179.1390, -2.6100,

-18.7860

■ 189.4390, -3.7550,
-25.5710

Harmonies

Analogous

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



86.7900, -51.3540, 16.5980



95.8420, 4.7620, 34.8580



91.3380, 41.5320, 40.2840

Triad

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



95.8420, 4.7620, 34.8580



87.5800, 53.1880, -16.7960



78.7400, -67.3940, -23.1220

Complementary

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



95.8420, 4.7620, 34.8580



126.1580, -4.7620, -34.8580

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.



73.3650, -53.6370, -35.6610



95.8420, 4.7620, 34.8580



85.0340, 27.8820, -31.7500

Square

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



95.8420, 4.7620, 34.8580



89.4790, 61.8030, 8.8030



78.4280, -14.3900, -36.5820



81.7840, -78.7210, -10.5690

Rectangle

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



95.8420, 4.7620, 34.8580



88.6030, 56.6630, 35.8870



78.4280, -14.3900, -36.5820



77.1440, -62.9000, -27.4760

Sweetspot

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



95.8420, 4.7620, 34.8580



172.5140, 1.9690, 13.8810



97.9150, -33.0130, 9.0910



83.7540, 1.0530, 8.4530



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



95.8420, 4.7620, 34.8580



110.7030, 7.3720, 53.6440



103.0740, 24.6600, 37.6840



68.9940, 0.1370, 3.0250



42.0440, 8.1500, 61.5740



3.2330, 0.9620, 4.5940

Inverse Universe

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



98.5140, 37.5000, 25.2440



114.7820, 57.7170, 38.8130



118.9260, -24.6600, -37.6840



69.3210, 3.5300, 2.1060



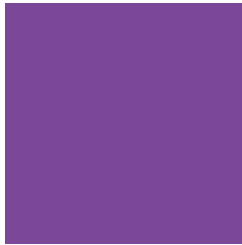
46.8480, 66.5190, 44.4950



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 95.8420, 4.7620, 34.8580 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 95.8420, 4.7620, 34.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

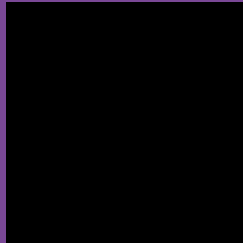
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.8420, 4.7620, 34.8580

Background



This preview shows how black text looks on a background with the YIQ color 95.8420, 4.7620, 34.8580.



This preview shows how white text looks on a background with the YIQ color 95.8420, 4.7620,

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

95.8420, 4.7620, 34.8580

Protanopia

89.6120, -44.9810, 16.7390

Deuteranopia

90.9690, -33.1050, 10.7590



Tritanopia

94.8710, 13.8450, 7.9010

Trichromacy



Original Color

95.8420, 4.7620, 34.8580

Protanomaly

91.8810, -26.5050, 23.3110

Deuteranomaly

92.3670, -19.3060, 19.4940

Tritanomaly

95.2270, 10.2670, 17.6830

Monochromacy



Original Color

95.8420, 4.7620, 34.8580

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6880, 1.4190, 12.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8420, 4.7620, 34.8580 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(122, 72, 150)` looks like.

```
.text, #text, p{  
    color:rgb(122, 72, 150)  
}
```

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(122, 72, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 72, 150) }
```

Border

The CSS property to change the border of an element to YIQ 95.8420, 4.7620, 34.8580 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(122, 72, 150) }
```


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

```
.border{ border-color:rgb(122, 72, 150) }
```

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

Here you see how a box with a 4 pixel rgb(122, 72, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 72, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 72, 150);  
box-shadow:4px 4px 4px 4px rgb(122, 72,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8420, 4.7620, 34.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 72, 150) }
```

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

```
.background{ background-color: rgb(122, 72,  
150) }
```

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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