

Converting Colors

YIQ(115.8620, 54.7360, 43.2800)

Have a look what the booklet for
YIQ(115.8620, 54.7360, 43.2800)
contains.

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Color

**YIQ(115.8620, 54.7360,
43.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	C34981
RGB	195, 73, 129
RGB Percent	76%, 29%, 51%
CMY	0.2350, 0.7139, 0.4939
CMYK	0.00, 0.63, 0.34, 0.23
HSL	332°, 50%, 53%
HSV	332°, 63%, 77%
XYZ	28.8717, 17.9577, 22.7288
YIQ	115.8620, 54.7360, 43.2800

Conversions

Conversions Part 2

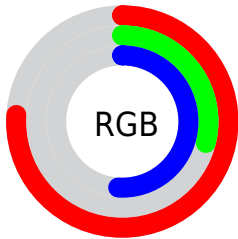
Format	Color
R_{YB}	195, 73, 129
Decimal	12798337
CIE _{Lab}	49.44, 54.02, -5.81
CIE _{LCh}	49, 54.332, 353.866
Yxy	17.9577, 0.4151, 0.2582
Android (android.graphics.Color)	4290988417 (0xFFC34981)
YUV	115.8620, 6.4770, 69.4040
Hunter-Lab	42.3765, 47.4556, -2.1369

Details

The YIQ color **115.8620, 54.7360, 43.2800** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **152.1380, -54.7360, -43.2800**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1290, 58.3580, 43.7180**, and **52.4310, 54.8720, 51.8320** is the 20% darker color. If you saturate the color by 10%, you get **102.8680, 63.7670, 50.3190**, and if you desaturate by 10%, it is **128.2690, 45.9800, 36.7640**.

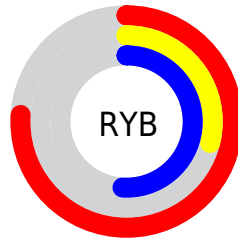
Distribution



Red (76%)

Green (29%)

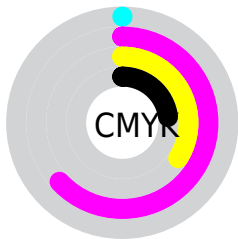
Blue (51%)



Red (76%)

Yellow (29%)

Blue (51%)

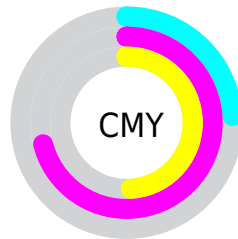


Cyan (0%)

Magenta (63%)

Yellow (34%)

Black (23%)



Cyan (24%)


Magenta (71%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.8620, 54.7360, 43.2800 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 115.8620, 54.7360, 43.2800 by changing the saturation by 10% instead.


 115.8620, 54.7360,
43.2800


 115.8620, 54.7360,
43.2800


255.0000, -0.0000,
-0.0000


 87.3180, 53.4520,
44.5240


 172.1290, 58.3580,
43.7180


 52.4310, 54.8720,
51.8320


 191.0560, 42.2660,
37.9940

 39.0890, 46.6670,
40.8350


 211.3850, 24.9820,
31.8460

 28.6220, 37.3160,
28.5800

 229.7590, 11.8250,
22.4890

 18.6390, 29.4780,
16.4380

 247.3690, 3.5750,
6.7990

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 115.8620, 54.7360,
43.2800

■ 115.8620, 54.7360,
43.2800

■ 102.8680, 63.7670,
50.3190

■ 128.2690, 45.9800,
36.7640

■ 90.5750, 72.2020,
57.1460

■ 141.1490, 37.2700,
29.4140

■ 77.5810, 81.2330,
64.1850

■ 153.5560, 28.5140,
22.8980

■ 68.5650, 87.3300,
69.3300

■ 166.4360, 19.8040,
15.5480

■ 178.8430, 11.0480,
9.0320

■ 191.7230, 2.3380,
1.6820

■ 204.7170, -6.6930,
-5.3570

■ 217.0100,
-15.1280, -12.1840

■ 230.0040,
-24.1590, -19.2230

Harmonies

Analogous

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



121.0010, 17.7360, 42.0240



115.8620, 54.7360, 43.2800



113.5750, 71.0610, 28.2530

Triad

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



115.8620, 54.7360, 43.2800



107.6370, 21.5100, -37.4180



101.0190, -98.4360, -11.2040

Complementary

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



115.8620, 54.7360, 43.2800



152.1380, -54.7360, -43.2800

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.



99.1490, -87.6590, -24.8030



115.8620, 54.7360, 43.2800



97.4580, -32.2700, -42.9420

Square

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



115.8620, 54.7360, 43.2800



111.0220, 54.5190, -24.4010



93.6770, -72.2510, -39.7310



97.7880, -101.7390, -0.8990

Rectangle

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



115.8620, 54.7360, 43.2800



114.1490, 71.6600, 11.8840



93.6770, -72.2510, -39.7310



101.0530, -95.7760, -15.3600

Sweetspot

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



115.8620, 54.7360, 43.2800



220.9740, 21.2250, 17.3290



106.3430, -0.4220, 51.7220



108.5660, 13.3860, 10.7140



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



115.8620, 54.7360, 43.2800



129.4290, 84.7170, 67.1250



111.8260, 71.6120, 23.7720



90.5600, 4.3550, 3.6750



56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Inverse Universe

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



115.8620, 54.7360, 43.2800



129.4290, 84.7170, 67.1250



156.1740, -71.6120, -23.7720



90.5600, 4.3550, 3.6750



56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 115.8620, 54.7360, 43.2800 looks on a white background.

Color Contrast Check

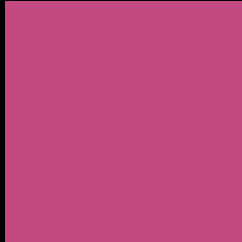
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8620, 54.7360, 43.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

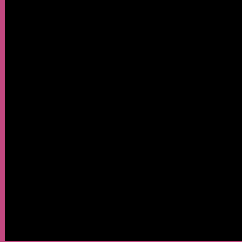
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.8620, 54.7360, 43.2800

Background



This preview shows how black text looks on a background with the YIQ color 115.8620, 54.7360, 43.2800.



This preview shows how white text looks on a background with the YIQ color 115.8620, 54.7360,

43.2800.

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

115.8620, 54.7360, 43.2800

Protanopia

118.6840, -19.1210, 10.6310

Deuteranopia

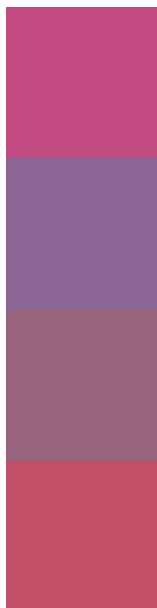
119.5000, 4.5840, 5.0320



Tritanopia

115.5740, 63.6340, 25.1860

Trichromacy



Original Color

115.8620, 54.7360, 43.2800

Protanomaly

117.6060, 7.8820, 22.3620

Deuteranomaly

118.3980, 22.9670, 18.7990

Tritanomaly

115.8220, 60.2400, 31.6320

Monochromacy



Original Color

115.8620, 54.7360, 43.2800

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8490, 20.0790, 16.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8620, 54.7360, 43.2800 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(195, 73, 129)` looks like.

```
.text, #text, p{  
  color:rgb(195, 73, 129)  
}
```

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(195, 73, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 73, 129) }
```

Border

The CSS property to change the border of an element to YIQ 115.8620, 54.7360, 43.2800 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(195, 73, 129) }
```


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

```
.border{ border-color:rgb(195, 73, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 73, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 73, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 73, 129);  
box-shadow:4px 4px 4px 4px rgb(195, 73,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8620, 54.7360, 43.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 73, 129) }
```

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

```
.background{ background-color: rgb(195, 73,  
129) }
```

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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