

Converting Colors

YIQ(155.9760, 54.4150, 43.5910)

Have a look what the booklet for
YIQ(155.9760, 54.4150, 43.5910)
contains.

YIQ(155.9760, 54.4150, 43.5910)	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(155.9760, 54.4150,
43.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	EB71AA
RGB	235, 113, 170
RGB Percent	92%, 44%, 67%
CMY	0.0781, 0.5570, 0.3332
CMYK	0.00, 0.52, 0.28, 0.08
HSL	332°, 75%, 68%
HSV	332°, 52%, 92%
XYZ	47.4477, 32.3791, 41.8010
YIQ	155.9760, 54.4150, 43.5910

Conversions

Conversions Part 2

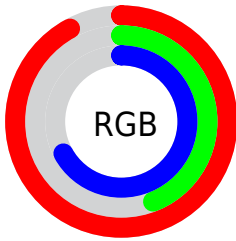
Format	Color
R_{YB}	235, 113, 170
Decimal	15430058
CIE _{Lab}	63.65, 53.30, -8.02
CIE _{LCh}	64, 53.899, 351.441
Yxy	32.3791, 0.3901, 0.2662
Android (android.graphics.Color)	4293620138 (0xFFEB71AA)
YUV	155.9760, 6.9138, 69.3040
Hunter-Lab	56.9026, 49.2607, -3.7229

Details

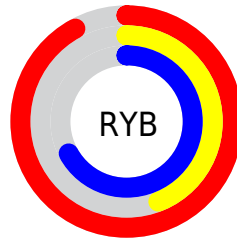
The YIQ color **155.9760, 54.4150, 43.5910** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **192.0240, -54.4150, -43.5910**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.5110, 33.5550, 36.1710**, and **100.1220, 51.0680, 43.6760** is the 20% darker color. If you saturate the color by 10%, you get **140.5200, 64.8670, 52.4110**, and if you desaturate by 10%, it is **170.9590, 43.9170, 35.6050**.

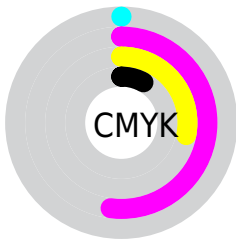
Distribution



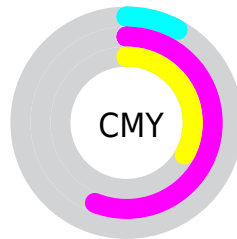
- Red (92%)
- Green (44%)
- Blue (67%)



- Red (92%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (52%)
- Yellow (28%)
- Black (8%)




- Cyan (8%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9760, 54.4150, 43.5910 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 155.9760, 54.4150, 43.5910 by changing the saturation by 10% instead.


 155.9760, 54.4150,
43.5910


 155.9760, 54.4150,
43.5910


255.0000, -0.0000,
-0.0000

 128.1930, 52.3060,
43.2660


 200.5110, 33.5550,
36.1710


 100.1220, 51.0680,
43.6760


 220.8400, 16.2710,
30.0230

 70.7030, 50.9300,
46.1780

 237.9770, 7.9750,
15.1670

 43.5610, 48.4540,
46.9980

 32.8660, 39.7450,
34.1210

 22.5130, 30.0730,
22.1770

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 155.9760, 54.4150,
43.5910

■ 155.9760, 54.4150,
43.5910

■ 140.5200, 64.8670,
52.4110

■ 170.9590, 43.9170,
35.6050

■ 125.5370, 75.3650,
60.3970

■ 186.4150, 33.4650,
26.7850

■ 109.9670, 86.1380,
68.9060

■ 201.3980, 22.9670,
18.7990

■ 95.0980, 96.3150,
77.2030

■ 216.8540, 12.5150,
9.9790

■ 82.8050, 104.7500,
84.0300

■ 231.8370, 2.0170,
1.9930

■ 247.2930, -8.4350,
-6.8270

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



158.8590, 15.2600, 42.8440



155.9760, 54.4150, 43.5910



153.4830, 74.3160, 29.8360

Triad

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



155.9760, 54.4150, 43.5910



145.7730, 24.1230, -35.2130



128.1300, -121.0380, -20.0940

Complementary

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



155.9760, 54.4150, 43.5910



192.0240, -54.4150, -43.5910

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.



125.9180, -109.2980, -34.6260



155.9760, 54.4150, 43.5910



138.0630, -23.7880, -42.4760

Square

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



155.9760, 54.4150, 43.5910



150.2660, 56.9480, -18.8600



119.6310, -92.9730, -49.6530



124.0670, -124.7540, -7.8100

Rectangle

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



155.9760, 54.4150, 43.5910



152.7690, 75.7860, 14.2020



119.6310, -92.9730, -49.6530



128.0500, -118.0570, -24.5610

Sweetspot

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



155.9760, 54.4150, 43.5910



228.4250, 18.3370, 14.6010



145.7450, -1.6140, 51.2980



111.8430, 11.0480, 9.0320



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.



155.9760, 54.4150, 43.5910



152.6780, 70.4140, 56.5100



150.6520, 72.1620, 24.8180



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Inverse Universe

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



155.9760, 54.4150, 43.5910



152.6780, 70.4140, 56.5100



197.3480, -72.1620, -24.8180



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 155.9760, 54.4150, 43.5910 looks on a white background.

Color Contrast Check

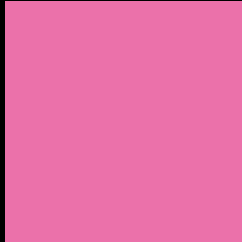
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 155.9760, 54.4150, 43.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

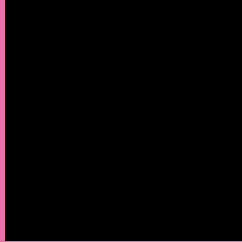
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.9760, 54.4150, 43.5910

Background



This preview shows how black text looks on a background with the YIQ color 155.9760, 54.4150, 43.5910.



This preview shows how white text looks on a background with the YIQ color 155.9760, 54.4150,

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

155.9760, 54.4150, 43.5910

Protanopia

155.2110, -19.1670, 11.4650

Deuteranopia

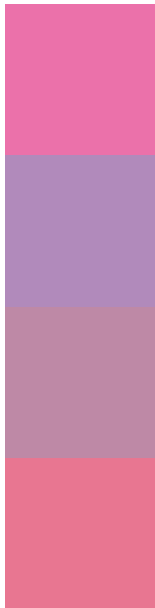
156.0810, 4.4460, 7.5340



Tritanopia

154.9160, 62.6710, 26.1190

Trichromacy



Original Color

155.9760, 54.4150, 43.5910

Protanomaly

155.2470, 7.5150, 23.5070

Deuteranomaly

156.1530, 22.2790, 20.2550

Tritanomaly

155.1640, 59.2770, 32.5650

Monochromacy



Original Color

155.9760, 54.4150, 43.5910

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8490, 20.0790, 16.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9760, 54.4150, 43.5910 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(235, 113, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 113, 170)  
}
```

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(235, 113, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 113, 170) }
```

Border

The CSS property to change the border of an element to YIQ 155.9760, 54.4150, 43.5910 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(235, 113, 170) }
```


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

```
.border{ border-color:rgb(235, 113, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 113, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 113, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 113, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 113,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9760, 54.4150, 43.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 113, 170) }
```

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

```
.background{ background-color: rgb(235,  
113, 170) }
```

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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