

Converting Colors

YIQ(155.8090, 45.0600, 53.4440)

Have a look what the booklet for
YIQ(155.8090, 45.0600, 53.4440)
contains.

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Color

**YIQ(155.8090, 45.0600,
53.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	E86DC5
RGB	232, 109, 197
RGB Percent	91%, 43%, 77%
CMY	0.0898, 0.5727, 0.2273
CMYK	0.00, 0.53, 0.15, 0.09
HSL	317°, 73%, 67%
HSV	317°, 53%, 91%
XYZ	48.8519, 32.1294, 56.4671
YIQ	155.8090, 45.0600, 53.4440

Conversions

Conversions Part 2

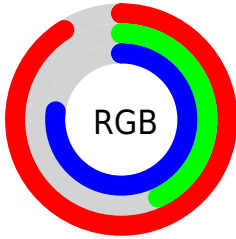
Format	Color
R _Y B	232, 109, 197
Decimal	15232453
CIE _{Lab}	63.45, 58.06, -23.70
CIE _{LCh}	63, 62.710, 337.792
Yxy	32.1294, 0.3554, 0.2338
Android (android.graphics.Color)	4293422533 (0xFFE86DC5)
YUV	155.8090, 20.3072, 66.8195
Hunter-Lab	56.6828, 54.6446, -19.3863

Details

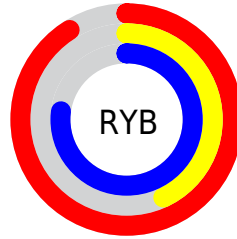
The YIQ color **155.8090, 45.0600, 53.4440** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **185.1910, -45.0600, -53.4440**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.0560, 25.0710, 46.7590**, and **99.4390, 43.2260, 53.6420** is the 20% darker color. If you saturate the color by 10%, you get **141.5100, 53.6320, 63.2960**, and if you desaturate by 10%, it is **170.1080, 36.4880, 43.5920**.

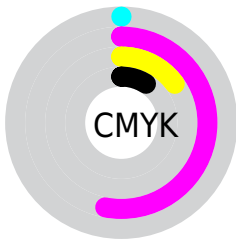
Distribution



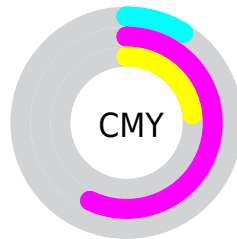
- Red (91%)
- Green (43%)
- Blue (77%)



- Red (91%)
- Yellow (43%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.8090, 45.0600, 53.4440 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 155.8090, 45.0600, 53.4440 by changing the saturation by 10% instead.

155.8090, 45.0600,
53.4440

155.8090, 45.0600,
53.4440

255.0000, -0.0000,
-0.0000

127.6240, 44.1430,
53.5430

202.0560, 25.0710,
46.7590

99.4390, 43.2260,
53.6420

218.6060, 17.0500,
32.4260

66.6720, 44.1880,
58.2360

235.6290, 9.0750,
17.2590

45.7700, 40.7960,
53.6280

253.2390, 0.8250,
1.5690

34.7760, 31.4910,
40.5390

24.3800, 23.3780,
27.8740

14.2120, 14.6230,

15.8310

■ 0.0000, 0.0000,
0.0000

■ 155.8090, 45.0600,
53.4440

■ 155.8090, 45.0600,
53.4440

■ 141.5100, 53.6320,
63.2960

■ 170.1080, 36.4880,
43.5920

■ 127.3250, 61.8830,
73.4590

■ 184.2930, 28.2370,
33.4290

■ 112.4390, 70.7300,
83.8340

■ 199.1790, 19.3900,
23.0540

■ 98.2540, 78.9810,
93.9970

■ 213.3640, 11.1390,
12.8910

■ 88.2920, 84.9860,
100.8100

■ 227.6630, 2.5670,
3.0390

■ 241.9620, -6.0050,
-6.8130

■ 246.7550, -9.8560,
-8.6080

■ 247.5530,
-12.1030, -6.4310

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



157.3970, -9.6820, 43.3260



155.8090, 45.0600, 53.4440



150.7200, 78.6230, 45.3990

Triad

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



155.8090, 45.0600, 53.4440



145.0670, 49.4780, -37.6740



130.2670, -120.1660, -24.8860

Complementary

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



155.8090, 45.0600, 53.4440



185.1910, -45.0600, -53.4440

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.



124.6980, -103.1070, -42.2030



155.8090, 45.0600, 53.4440



138.9930, -0.4040, -47.7640

Square

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



155.8090, 45.0600, 53.4440



148.6600, 76.5700, -11.0300



116.3250, -83.6640, -58.6720



129.4470, -128.8800, -10.1280

Rectangle

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



155.8090, 45.0600, 53.4440



149.5400, 87.3370, 30.6410



116.3250, -83.6640, -58.6720



128.9160, -114.9840, -30.6960

Sweetspot

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



155.8090, 45.0600, 53.4440



229.5650, 15.1270, 17.7110



133.4870, -18.6230, 45.6730



112.5270, 9.1220, 10.8980



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.



155.8090, 45.0600, 53.4440



154.0750, 59.5910, 70.9430



148.8550, 64.6410, 34.4730



110.2010, 3.9880, 4.8200



68.8250, 66.4670, 78.4910



20.4780, 19.9860, 23.2660

Inverse Universe

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



155.8090, 45.0600, 53.4440



154.0750, 59.5910, 70.9430



192.1450, -64.6410, -34.4730



110.2010, 3.9880, 4.8200



68.8250, 66.4670, 78.4910



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 155.8090, 45.0600, 53.4440 looks on a white background.

Color Contrast Check

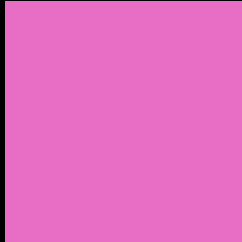
Large Text (above 18pt) WCAG AA × Fail

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 155.8090, 45.0600, 53.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

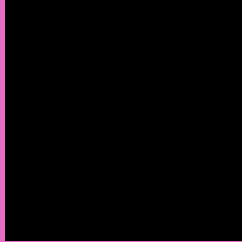
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.8090, 45.0600, 53.4440

Background



This preview shows how black text looks on a background with the YIQ color 155.8090, 45.0600, 53.4440.



This preview shows how white text looks on a background with the YIQ color 155.8090, 45.0600,

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

155.8090, 45.0600, 53.4440

Protanopia

153.6020, -39.0210, 18.8590

Deuteranopia

155.4460, -12.5190, 12.1290



Tritanopia

155.2250, 57.3070, 24.2110

Trichromacy



Original Color

155.8090, 45.0600, 53.4440



Protanomaly

154.2040, -8.1210, 31.5510



Deuteranomaly

155.6540, 7.9270, 27.0550



Tritanomaly

155.8090, 53.0870, 34.6150

Monochromacy



Original Color

155.8090, 45.0600, 53.4440



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

156.1030, 16.5480, 19.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.8090, 45.0600, 53.4440 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(232, 109, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 109, 197)  
}
```

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(232, 109, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 109, 197) }
```

Border

The CSS property to change the border of an element to YIQ 155.8090, 45.0600, 53.4440 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(232, 109, 197) }
```


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

```
.border{ border-color:rgb(232, 109, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 109, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 109, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 109, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 109,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 155.8090, 45.0600, 53.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 109, 197) }
```

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

```
.background{ background-color: rgb(232,  
109, 197) }
```

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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