

Converting Colors

YIQ(156.7710, 39.0550, 46.6310)

Have a look what the booklet for
YIQ(156.7710, 39.0550, 46.6310)
contains.

YIQ(156.7710, 39.0550, 46.6310)	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(156.7710, 39.0550,
46.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	DF74C1
RGB	223, 116, 193
RGB Percent	87%, 45%, 76%
CMY	0.1252, 0.5453, 0.2430
CMYK	0.00, 0.48, 0.13, 0.13
HSL	317°, 63%, 66%
HSV	317°, 48%, 87%
XYZ	46.3238, 32.0320, 54.2076
YIQ	156.7710, 39.0550, 46.6310

Conversions

Conversions Part 2

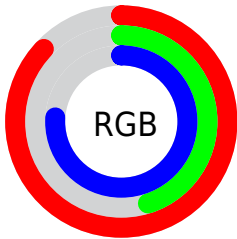
Format	Color
R _{YB}	223, 116, 193
Decimal	14644417
CIE Lab	63.37, 51.37, -21.67
CIE LCh	63, 55.756, 337.130
Yxy	32.0320, 0.3494, 0.2416
Android (android.graphics.Color)	4292834497 (0xFFDF74C1)
YUV	156.7710, 17.8609, 58.0828
Hunter-Lab	56.5969, 47.0554, -17.1692

Details

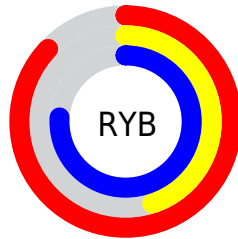
The YIQ color $156.7710, 39.0550, 46.6310$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $182.2290, -39.0550, -46.6310$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $205.1220, 24.7050, 42.3770$, and $101.8740, 37.2670, 45.9950$ is the 20% darker color. If you saturate the color by 10%, you get $143.1730, 47.0310, 56.2710$, and if you desaturate by 10%, it is $170.3690, 31.0790, 36.9910$.

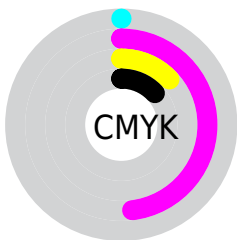
Distribution



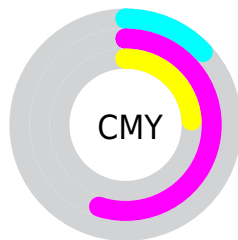
- Red (87%)
- Green (45%)
- Blue (76%)



- Red (87%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (48%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.7710, 39.0550, 46.6310 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 156.7710, 39.0550, 46.6310 by changing the saturation by 10% instead.

156.7710, 39.0550,
46.6310

156.7710, 39.0550,
46.6310

255.0000, -0.0000,
-0.0000

129.1730, 37.8630,
46.2070

205.1220, 24.7050,
42.3770

101.8740, 37.2670,
45.9950

222.1280, 15.4000,
29.2880

74.2160, 36.3040,
46.9280

239.1510, 7.4250,
14.1210

43.0360, 36.9910,
50.9990

32.5260, 29.1990,
38.0230

22.5430, 21.3610,
25.8810

12.0760, 12.0100,

13.6260

■ 0.0000, 0.0000,
0.0000

■ 156.7710, 39.0550,
46.6310

■ 156.7710, 39.0550,
46.6310

■ 143.1730, 47.0310,
56.2710

■ 170.3690, 31.0790,
36.9910

■ 128.9880, 55.2820,
66.4340

■ 184.6680, 22.5070,
27.1390

■ 115.2760, 63.5790,
75.7630

■ 198.2660, 14.5310,
17.4990

■ 101.6780, 71.5550,
85.4030

■ 211.8640, 6.5550,
7.8590

■ 87.4930, 79.8060,
95.5660

■ 226.0490, -1.6960,
-2.3040

■ 84.9170, 81.5480,
97.0360

■ 239.7610, -9.9930,
-11.6330

■ 243.3800,
-13.2940, -12.3820

■ 244.0640,
-15.2200, -10.5160

■ 244.7480,
-17.1460, -8.6500

Harmonies

Analogous

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



157.2350, -9.4060, 38.3220



156.7710, 39.0550, 46.6310



152.6540, 69.8210, 39.7170

Triad

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



156.7710, 39.0550, 46.6310



146.8740, 43.0120, -30.6200



127.4800, -116.4520, -26.1160

Complementary

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



156.7710, 39.0550, 46.6310



182.2290, -39.0550, -46.6310

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.



123.1820, -101.5940, -42.0900



156.7710, 39.0550, 46.6310



141.5790, 1.0620, -41.2900

Square

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



156.7710, 39.0550, 46.6310



150.3480, 68.8210, -8.2590



123.0820, -69.4980, -51.0820



127.0190, -124.7990, -12.5030

Rectangle

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



156.7710, 39.0550, 46.6310



151.6420, 78.1220, 26.9380



123.0820, -69.4980, -51.0820



126.3570, -111.9120, -31.3040

Sweetspot

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



156.7710, 39.0550, 46.6310



232.7280, 13.1100, 15.7180



136.8690, -17.0630, 39.4250



114.2880, 8.2970, 9.3290



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.



156.7710, 39.0550, 46.6310



163.4500, 53.8610, 64.6530



150.8430, 55.7470, 30.4590



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Inverse Universe

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



156.7710, 39.0550, 46.6310



163.4500, 53.8610, 64.6530



188.1570, -55.7470, -30.4590



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 156.7710, 39.0550, 46.6310 looks on a white background.

Color Contrast Check

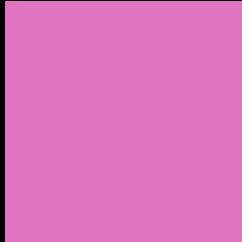
Large Text (above 18pt) WCAG AA × Fail

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 156.7710, 39.0550, 46.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

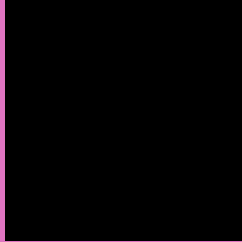
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.7710, 39.0550, 46.6310

Background



This preview shows how black text looks on a background with the YIQ color 156.7710, 39.0550, 46.6310.



This preview shows how white text looks on a background with the YIQ color 156.7710, 39.0550,

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

156.7710, 39.0550, 46.6310

Protanopia

153.7720, -33.7480, 16.9080

Deuteranopia

155.4030, -10.9600, 11.4080



Tritanopia

155.6370, 50.1550, 21.6670

Trichromacy



Original Color

156.7710, 39.0550, 46.6310



Protanomaly

154.8680, -7.2950, 27.5930



Deuteranomaly

155.7740, 7.4690, 24.3410



Tritanomaly

156.1670, 46.0270, 30.4030

Monochromacy



Original Color

156.7710, 39.0550, 46.6310



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

156.8530, 14.2560, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.7710, 39.0550, 46.6310 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(223, 116, 193)` looks like.

```
.text, #text, p{  
    color:rgb(223, 116, 193)  
}
```

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(223, 116, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 116, 193) }
```

Border

The CSS property to change the border of an element to YIQ 156.7710, 39.0550, 46.6310 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(223, 116, 193) }
```


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

```
.border{ border-color:rgb(223, 116, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 116, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 116, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 116, 193);  
box-shadow:4px 4px 4px 4px rgb(223, 116,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 156.7710, 39.0550, 46.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 116, 193) }
```

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

```
.background{ background-color: rgb(223,  
116, 193) }
```

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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