

Converting Colors

YIQ(155.5960, 49.3730, 35.8450)

Have a look what the booklet for
YIQ(155.5960, 49.3730, 35.8450)
contains.

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Color

**YIQ(155.5960, 49.3730,
35.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	E177A2
RGB	225, 119, 162
RGB Percent	88%, 47%, 64%
CMY	0.1174, 0.5335, 0.3645
CMYK	0.00, 0.47, 0.28, 0.12
HSL	336°, 64%, 67%
HSV	336°, 47%, 88%
XYZ	44.1903, 31.8122, 38.0130
YIQ	155.5960, 49.3730, 35.8450

Conversions

Conversions Part 2

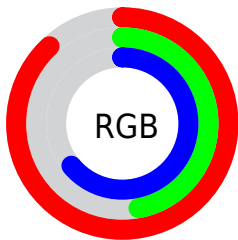
Format	Color
R _Y B	225, 119, 162
Decimal	14776226
CIE Lab	63.19, 46.02, -4.30
CIE LCh	63, 46.222, 354.665
Yxy	31.8122, 0.3876, 0.2790
Android (android.graphics.Color)	4292966306 (0xFFE177A2)
YUV	155.5960, 3.1572, 60.8673
Hunter-Lab	56.4023, 41.1481, -0.4776

Details

The YIQ color **155.5960, 49.3730, 35.8450** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.4040, -49.3730, -35.8450**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.1210, 34.4730, 30.5450**, and **101.2150, 46.0720, 35.0960** is the 20% darker color. If you saturate the color by 10%, you get **140.6130, 59.8710, 43.8310**, and if you desaturate by 10%, it is **169.9920, 39.1500, 28.3820**.

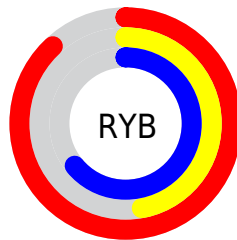
Distribution



Red (88%)

Green (47%)

Blue (64%)



Red (88%)

Yellow (47%)

Blue (64%)

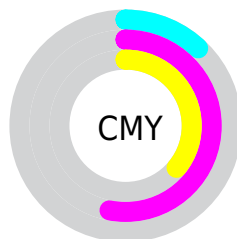


Cyan (0%)

Magenta (47%)

Yellow (28%)

Black (12%)



Cyan (12%)


Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.5960, 49.3730, 35.8450 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 155.5960, 49.3730, 35.8450 by changing the saturation by 10% instead.


 155.5960, 49.3730,
35.8450

 155.5960, 49.3730,
35.8450


255.0000, -0.0000,
-0.0000

 128.1120, 47.8600,
35.7320


 203.1210, 34.4730,
30.5450


 101.3290, 45.7510,
35.4070


 222.7490, 17.7850,
24.6090

 74.2580, 44.5130,
35.8170

 240.3250, 6.8750,
13.0750

 42.7190, 44.8330,
41.0330

 29.7900, 36.9030,
30.5590

 20.0350, 28.4230,
19.0390

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 155.5960, 49.3730,
35.8450

■ 155.5960, 49.3730,
35.8450

■ 140.6130, 59.8710,
43.8310

■ 169.9920, 39.1500,
28.3820

■ 126.1030, 70.4150,
50.9830

■ 185.0890, 28.3310,
20.7070

■ 111.1200, 80.9130,
58.9690

■ 199.4850, 18.1080,
13.2440

■ 96.7240, 91.1360,
66.4320

■ 214.5820, 7.2890,
5.5690

■ 81.6270, 101.9550,
74.1070

■ 228.9780, -2.9340,
-1.8940

■ 77.6490, 104.8890,
76.0010

■ 243.9610,
-13.4320, -9.8800

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



157.5400, 17.4160, 36.8080



155.5960, 49.3730, 35.8450



153.5910, 64.9640, 23.1080

Triad

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



155.5960, 49.3730, 35.8450



145.8140, 16.8780, -30.5620



124.1690, -116.7740, -20.2780

Complementary

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



155.5960, 49.3730, 35.8450



188.4040, -49.3730, -35.8450

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.



122.7550, -107.2810, -32.6330



155.5960, 49.3730, 35.8450



139.1650, -23.8350, -36.1150

Square

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



155.5960, 49.3730, 35.8450



149.7580, 46.8150, -16.9370



117.9670, -93.7990, -45.6950



137.0520, -84.8670, 1.7010

Rectangle

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



155.5960, 49.3730, 35.8450



152.2730, 65.3790, 10.0750



117.9670, -93.7990, -45.6950



124.3170, -114.4350, -24.1230

Sweetspot

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



155.5960, 49.3730, 35.8450



231.4740, 16.6410, 12.2970



149.6220, 2.9260, 46.1100



113.6040, 10.2230, 7.4630



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.



155.5960, 49.3730, 35.8450



160.0810, 67.4810, 49.0890



155.9770, 60.7010, 17.7650



104.8590, 4.9510, 3.8870



60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Inverse Universe

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



155.5960, 49.3730, 35.8450



160.0810, 67.4810, 49.0890



188.0230, -60.7010, -17.7650



104.8590, 4.9510, 3.8870



60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 155.5960, 49.3730, 35.8450 looks on a white background.

Color Contrast Check

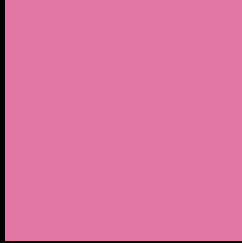
Large Text (above 18pt) WCAG AA × Fail

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 155.5960, 49.3730, 35.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

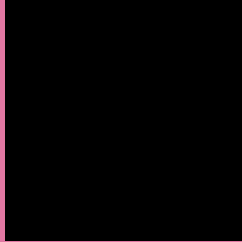
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.5960, 49.3730, 35.8450

Background



This preview shows how black text looks on a background with the YIQ color 155.5960, 49.3730, 35.8450.



This preview shows how white text looks on a background with the YIQ color 155.5960, 49.3730,

35.8450.

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

155.5960, 49.3730, 35.8450

Protanopia

154.0390, -12.9310, 8.5810

Deuteranopia

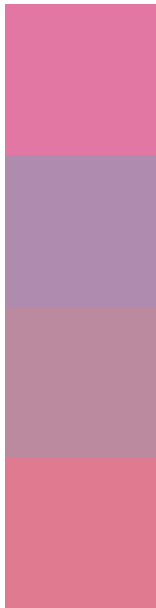
154.9950, 7.5640, 6.0920



Tritanopia

154.3280, 55.5190, 23.5750

Trichromacy



Original Color

155.5960, 49.3730, 35.8450

Protanomaly

154.4550, 9.6250, 18.3050

Deuteranomaly

155.0450, 22.4630, 16.9190

Tritanomaly

154.7070, 53.1340, 28.2540

Monochromacy



Original Color

155.5960, 49.3730, 35.8450

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.0720, 17.8330, 12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.5960, 49.3730, 35.8450 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(225, 119, 162)` looks like.

```
.text, #text, p{  
    color:rgb(225, 119, 162)  
}
```

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(225, 119, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 119, 162) }
```

Border

The CSS property to change the border of an element to YIQ 155.5960, 49.3730, 35.8450 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(225, 119, 162) }
```


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

```
.border{ border-color:rgb(225, 119, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 119, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 119, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 119, 162);  
box-shadow:4px 4px 4px 4px rgb(225, 119,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 155.5960, 49.3730, 35.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 119, 162) }
```

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

```
.background{ background-color: rgb(225,  
119, 162) }
```

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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