

Converting Colors

YIQ(149.5500, 38.9600, 64.8800)

Have a look what the booklet for
YIQ(149.5500, 38.9600, 64.8800)
contains.

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Color

**YIQ(149.5500, 38.9600,
64.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	E361D9
RGB	227, 97, 217
RGB Percent	89%, 38%, 85%
CMY	0.1094, 0.6198, 0.1490
CMYK	0.00, 0.57, 0.04, 0.11
HSL	305°, 70%, 64%
HSV	305°, 57%, 89%
XYZ	48.5056, 29.8967, 68.8705
YIQ	149.5500, 38.9600, 64.8800

Conversions

Conversions Part 2

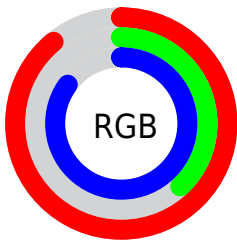
Format	Color
R _{YB}	227, 97, 217
Decimal	14901721
CIE Lab	61.57, 65.23, -37.95
CIE LCh	62, 75.468, 329.812
Yxy	29.8967, 0.3294, 0.2030
Android (android.graphics.Color)	4293091801 (0xFFE361D9)
YUV	149.5500, 33.2529, 67.9237
Hunter-Lab	54.6779, 62.6635, -36.4052

Details

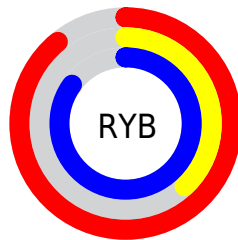
The YIQ color **149.5500, 38.9600, 64.8800** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.4500, -38.9600, -64.8800**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **195.7130, 27.7750, 52.8230**, and **90.1310, 38.8220, 67.3820** is the 20% darker color. If you saturate the color by 10%, you get **135.8210, 45.9270, 76.2870**, and if you desaturate by 10%, it is **163.2790, 31.9930, 53.4730**.

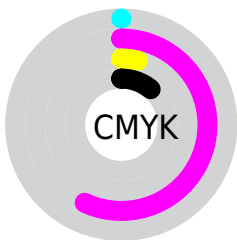
Distribution



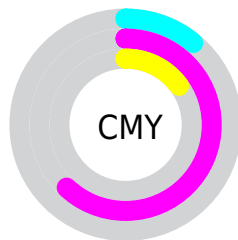
- Red (89%)
- Green (38%)
- Blue (85%)



- Red (89%)
- Yellow (38%)
- Blue (85%)



- Cyan (0%)
- Magenta (57%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (62%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.5500, 38.9600, 64.8800 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 149.5500, 38.9600, 64.8800 by changing the saturation by 10% instead.


 149.5500, 38.9600,
64.8800


 149.5500, 38.9600,
64.8800

255.0000, -0.0000,
-0.0000


 120.6640, 38.6390,
65.1910


 195.7130, 27.7750,
52.8230

 89.5440, 39.0970,
67.9050


 212.1490, 20.0750,
38.1790


 57.2500, 40.1050,
71.6650

 229.1720, 12.1000,
23.0120

 45.9140, 31.7630,
57.6430

 246.7820, 3.8500,
7.3220

 34.9910, 23.6960,
44.1440

 24.8940, 16.1790,
31.6910

 13.6010, 6.2780,

18.3900

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 149.5500, 38.9600,
64.8800

■ 149.5500, 38.9600,
64.8800

■ 135.8210, 45.9270,
76.2870

■ 163.2790, 31.9930,
53.4730

■ 122.6790, 52.6190,
87.1710

■ 176.4210, 25.3010,
42.5890

■ 109.0640, 59.2650,
98.8890

■ 190.0360, 18.6550,
30.8710

■ 95.3350, 66.2320,
110.2960

■ 203.7650, 11.6880,
19.4640

91.8130, 67.8820,
113.4340

217.4940, 4.7210,
8.0570

230.6360, -1.9710,
-2.8270

243.6640, -8.3420,
-14.0220

243.8920, -8.9840,
-13.4000

244.1200, -9.6260,
-12.7780

Harmonies

Analogous

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



148.4250, -33.2480, 40.8960



149.5500, 38.9600, 64.8800



136.4240, 83.1130, 63.1530

Triad

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



149.5500, 38.9600, 64.8800



139.2230, 66.5340, -38.4100



128.8820, -117.6440, -26.5400

Complementary

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



149.5500, 38.9600, 64.8800



174.4500, -38.9600, -64.8800

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.



121.1300, -95.8160, -47.6880



149.5500, 38.9600, 64.8800



129.7560, 21.6520, -62.0280

Square

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



149.5500, 38.9600, 64.8800



140.3160, 98.2100, -6.7340



110.9160, -72.5670, -67.0550



130.0340, -129.1550, -10.6510

Rectangle

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



149.5500, 38.9600, 64.8800



134.9300, 95.5870, 46.3310



110.9160, -72.5670, -67.0550



126.9610, -110.8570, -33.9050

Sweetspot

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



149.5500, 38.9600, 64.8800



229.4170, 12.7880, 21.5560



114.5110, -36.3660, 42.3380



112.5100, 7.7920, 12.9760



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.



149.5500, 38.9600, 64.8800



150.0920, 52.8940, 87.6940



142.2540, 59.5040, 44.9760



107.8420, 3.6210, 5.9650



72.3310, 53.7190, 89.2630



20.6070, 15.3090, 25.4290

Inverse Universe

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



149.5500, 38.9600, 64.8800



150.0920, 52.8940, 87.6940



181.7460, -59.5040, -44.9760



107.8420, 3.6210, 5.9650



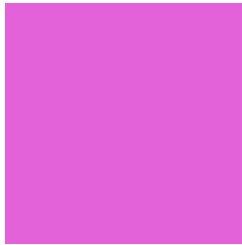
72.3310, 53.7190, 89.2630



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 149.5500, 38.9600, 64.8800 looks on a white background.

Color Contrast Check

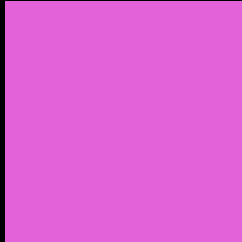
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5500, 38.9600, 64.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

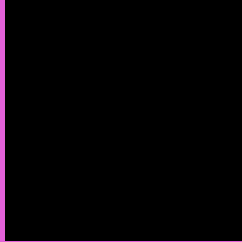
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5500, 38.9600, 64.8800

Background



This preview shows how black text looks on a background with the YIQ color 149.5500, 38.9600, 64.8800.



This preview shows how white text looks on a background with the YIQ color 149.5500, 38.9600,

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

149.5500, 38.9600, 64.8800

Protanopia

144.9710, -61.8090, 24.3590

Deuteranopia

148.3870, -31.2260, 15.2540



Tritanopia

150.0290, 54.9230, 23.3630

Trichromacy



Original Color

149.5500, 38.9600, 64.8800



Protanomaly

146.5630, -24.9490, 39.1710



Deuteranomaly

148.9270, -5.7830, 33.2330



Tritanomaly

150.1770, 49.2350, 38.3470

Monochromacy



Original Color

149.5500, 38.9600, 64.8800



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.9550, 14.2090, 23.3370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5500, 38.9600, 64.8800 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(227, 97, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 97, 217)  
}
```

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(227, 97, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 97, 217) }
```

Border

The CSS property to change the border of an element to YIQ 149.5500, 38.9600, 64.8800 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(227, 97, 217) }
```


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

```
.border{ border-color:rgb(227, 97, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 97, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 97, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 97, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 97,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5500, 38.9600, 64.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 97, 217) }
```

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

```
.background{ background-color: rgb(227, 97,  
217) }
```

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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