

Converting Colors

YIQ(149.0210, 58.5420, 40.3820)

Have a look what the booklet for
YIQ(149.0210, 58.5420, 40.3820)
contains.

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Color

**YIQ(149.0210, 58.5420,
40.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	E66B99
RGB	230, 107, 153
RGB Percent	90%, 42%, 60%
CMY	0.0977, 0.5806, 0.3998
CMYK	0.00, 0.54, 0.33, 0.10
HSL	338°, 71%, 66%
HSV	338°, 54%, 90%
XYZ	43.6657, 29.6428, 33.5789
YIQ	149.0210, 58.5420, 40.3820

Conversions

Conversions Part 2

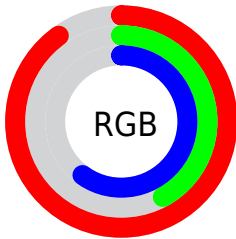
Format	Color
R _Y B	230, 107, 153
Decimal	15100825
CIE Lab	61.34, 52.42, -1.77
CIE LCh	61, 52.455, 358.065
Yxy	29.6428, 0.4085, 0.2773
Android (android.graphics.Color)	4293290905 (0xFFE66B99)
YUV	149.0210, 1.9616, 71.0186
Hunter-Lab	54.4452, 47.8801, 1.5447

Details

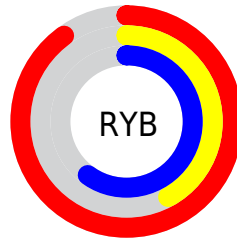
The YIQ color **149.0210, 58.5420, 40.3820** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **187.9790, -58.5420, -40.3820**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.9370, 40.9830, 33.7110**, and **93.2810, 54.8740, 40.7780** is the 20% darker color. If you saturate the color by 10%, you get **133.9240, 69.3610, 48.0570**, and if you desaturate by 10%, it is **164.1180, 47.7230, 32.7070**.

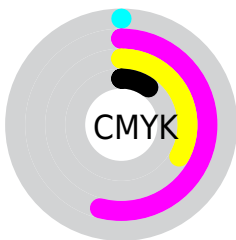
Distribution



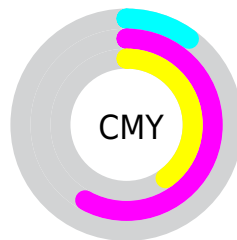
- Red (90%)
- Green (42%)
- Blue (60%)



- Red (90%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (54%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0210, 58.5420, 40.3820 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 149.0210, 58.5420, 40.3820 by changing the saturation by 10% instead.


 149.0210, 58.5420,
40.3820


 149.0210, 58.5420,
40.3820


255.0000, -0.0000,
-0.0000

 121.2380, 56.4330,
40.0570


 194.9370, 40.9830,
33.7110


 93.2810, 54.8740,
40.7780


 214.5650, 24.2950,
27.7750


 62.5030, 54.3690,
44.4250

 233.8680, 9.9000,
18.8280

 40.4700, 49.9680,
41.5840

 250.8910, 1.9250,
3.6610

 29.5900, 40.3420,
28.8060

 19.6070, 32.5040,
16.6640

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 149.0210, 58.5420,
40.3820

■ 149.0210, 58.5420,
40.3820

■ 133.9240, 69.3610,
48.0570

■ 164.1180, 47.7230,
32.7070

■ 118.7130, 80.5010,
55.4210

■ 179.3290, 36.5830,
25.3430

■ 103.6160, 91.3200,
63.0960

■ 194.4260, 25.7640,
17.6680

■ 88.4050, 102.4600,
70.4600

■ 209.6370, 14.6240,
10.3040

■ 78.5740, 109.4740,
75.5060

■ 224.7340, 3.8050,
2.6290

■ 239.8310, -7.0140,
-5.0460

■ 247.4110,
-14.5790, -5.6110

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



152.2360, 24.3840, 42.6880



149.0210, 58.5420, 40.3820



146.7230, 73.4000, 24.4080

Triad

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



149.0210, 58.5420, 40.3820



138.5700, 14.4490, -36.1030



122.6190, -117.9210, -16.0090

Complementary

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



149.0210, 58.5420, 40.3820



187.9790, -58.5420, -40.3820

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.



121.4500, -107.7400, -29.8200



149.0210, 58.5420, 40.3820



129.4190, -36.5340, -42.7580

Square

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



149.0210, 58.5420, 40.3820



143.4390, 48.9710, -22.9730



116.6790, -92.9280, -44.9600



124.4500, -106.5990, -0.9270

Rectangle

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



149.0210, 58.5420, 40.3820



146.3400, 72.4400, 8.7600



116.6790, -92.9280, -44.9600



123.2400, -115.5360, -20.6880

Sweetspot

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



149.0210, 58.5420, 40.3820



227.9690, 19.6210, 13.3570



143.7460, 5.8130, 54.3650



111.5010, 12.0110, 8.0990



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.



149.0210, 58.5420, 40.3820



147.6910, 77.5670, 53.5270



151.9950, 69.4580, 18.7540



107.1580, 5.5470, 4.0990



61.1590, 85.1770, 58.7850



17.4150, 24.2970, 16.7210

Inverse Universe

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



149.0210, 58.5420, 40.3820



147.6910, 77.5670, 53.5270



185.0050, -69.4580, -18.7540



107.1580, 5.5470, 4.0990



61.1590, 85.1770, 58.7850



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 149.0210, 58.5420, 40.3820 looks on a white background.

Color Contrast Check

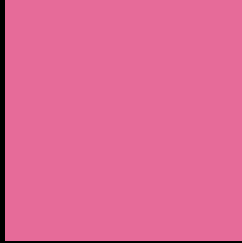
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0210, 58.5420, 40.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

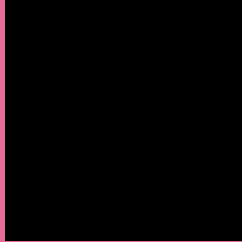
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.0210, 58.5420, 40.3820

Background



This preview shows how black text looks on a background with the YIQ color 149.0210, 58.5420, 40.3820.



This preview shows how white text looks on a background with the YIQ color 149.0210, 58.5420,

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

149.0210, 58.5420, 40.3820

Protanopia

149.0390, -12.9310, 8.5810

Deuteranopia

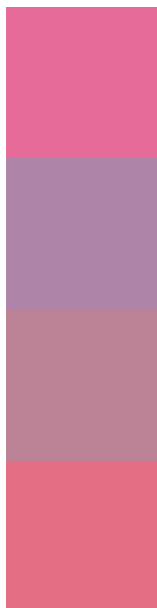
150.0230, 10.3610, 4.9610



Tritanopia

147.9980, 65.3760, 26.6560

Trichromacy



Original Color

149.0210, 58.5420, 40.3820

Protanomaly

148.7760, 13.1550, 20.4110

Deuteranomaly

149.7960, 27.5980, 17.4700

Tritanomaly

148.4910, 62.6700, 31.6460

Monochromacy



Original Color

149.0210, 58.5420, 40.3820

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9800, 21.0880, 14.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0210, 58.5420, 40.3820 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(230, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(230, 107, 153)  
}
```

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(230, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 107, 153) }
```

Border

The CSS property to change the border of an element to YIQ 149.0210, 58.5420, 40.3820 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(230, 107, 153) }
```


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

```
.border{ border-color:rgb(230, 107, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(230, 107,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0210, 58.5420, 40.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 107, 153) }
```

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

```
.background{ background-color: rgb(230,  
107, 153) }
```

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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