

Converting Colors

YIQ(165.4170, 40.2920, 51.7480)

Have a look what the booklet for
YIQ(165.4170, 40.2920, 51.7480)
contains.

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Color

**YIQ(165.4170, 40.2920,
51.7480)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC79D1 |
| RGB | 236, 121, 209 |
| RGB Percent | 93%, 47%, 82% |
| CMY | 0.0742, 0.5257, 0.1803 |
| CMYK | 0.00, 0.49, 0.11, 0.07 |
| HSL | 314°, 75%, 70% |
| HSV | 314°, 49%, 93% |
| XYZ | 52.9629, 36.1149, 64.5162 |
| YIQ | 165.4170, 40.2920, 51.7480 |

Conversions

Conversions Part 2

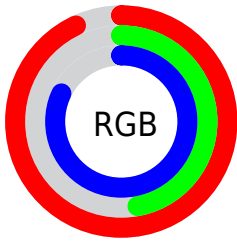
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 236, 121, 209 |
| Decimal | 15497681 |
| CIE _{Lab} | 66.61, 55.38, -25.56 |
| CIE _{LCh} | 67, 60.993, 335.228 |
| Y _{xy} | 36.1149, 0.3448, 0.2351 |
| Android (android.graphics.Color) | 4293687761 (0xFFEC79D1) |
| YUV | 165.4170, 21.4864, 61.9013 |
| Hunter-Lab | 60.0956, 52.1466, -21.5843 |

Details

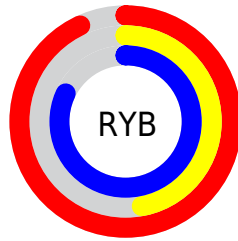
The YIQ color **165.4170, 40.2920, 51.7480** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.5830, -40.2920, -51.7480**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2140, 21.4500, 40.7940**, and **109.5200, 38.5040, 51.1120** is the 20% darker color. If you saturate the color by 10%, you get **150.6450, 48.8180, 62.4340**, and if you desaturate by 10%, it is **180.1890, 31.7660, 41.0620**.

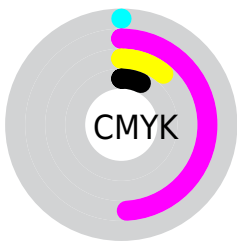
Distribution



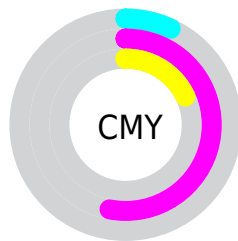
- Red (93%)
- Green (47%)
- Blue (82%)



- Red (93%)
- Yellow (47%)
- Blue (82%)



- Cyan (0%)
- Magenta (49%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4170, 40.2920, 51.7480 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 165.4170, 40.2920, 51.7480 by changing the saturation by 10% instead.


 165.4170, 40.2920,
51.7480


 165.4170, 40.2920,
51.7480


255.0000, -0.0000,
-0.0000

 137.7050, 39.4210,
51.0130


 209.2140, 21.4500,
40.7940


 109.5200, 38.5040,
51.1120


 225.6500, 13.7500,
26.1500

 81.1610, 38.1370,
52.2570

 242.6730, 5.7750,
10.9830

 48.2200, 39.6490,
57.8970

 37.4110, 31.2610,
44.7090

 26.6020, 22.8730,
31.5210

 17.0320, 15.3100,

19.9020

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 165.4170, 40.2920,
51.7480

■ 165.4170, 40.2920,
51.7480

■ 150.6450, 48.8180,
62.4340

■ 180.1890, 31.7660,
41.0620

■ 136.5740, 56.7480,
72.9080

■ 194.2600, 23.8360,
30.5880

■ 121.8020, 65.2740,
83.5940

■ 209.0320, 15.3100,
19.9020

■ 107.7310, 73.2040,
94.0680

■ 223.1030, 7.3800,
9.4280

■ 92.9590, 81.7300,
104.7540

■ 237.8750, -1.1460,
-1.2580

■ 91.1980, 82.5550,
106.3230

■ 247.8370, -7.1510,
-8.0710

■ 248.5210, -9.0770,
-6.2050

■ 249.0910,
-10.6820, -4.6500

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



165.5920, -14.7250, 41.1070



165.4170, 40.2920, 51.7480



159.0720, 71.7000, 44.2120

Triad

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



165.4170, 40.2920, 51.7480



154.3000, 50.4400, -33.0800



135.3050, -123.3290, -28.1370

Complementary

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



165.4170, 40.2920, 51.7480



191.5830, -40.2920, -51.7480

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.



130.3230, -106.5450, -45.9770



165.4170, 40.2920, 51.7480



148.7980, 4.6390, -45.5450

Square

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



165.4170, 40.2920, 51.7480



158.0670, 76.9820, -7.4820



127.2720, -76.1450, -57.2730



134.7300, -131.3550, -14.8350

Rectangle

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



165.4170, 40.2920, 51.7480



157.9030, 81.8810, 30.4010



127.2720, -76.1450, -57.2730



133.9540, -118.1470, -33.9470

Sweetspot

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



165.4170, 40.2920, 51.7480



231.6680, 13.3390, 17.0750



142.1830, -20.8230, 41.4890



113.8150, 8.2510, 10.1630



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.



165.4170, 40.2920, 51.7480



162.9600, 52.4850, 67.5650



158.9190, 58.5890, 34.0210



110.3150, 3.6670, 5.1310



69.8510, 63.5780, 81.2900



20.8200, 19.0230, 24.1990

Inverse Universe

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



165.4170, 40.2920, 51.7480



162.9600, 52.4850, 67.5650



198.0810, -58.5890, -34.0210



110.3150, 3.6670, 5.1310



69.8510, 63.5780, 81.2900



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 165.4170, 40.2920, 51.7480 looks on a white background.

Color Contrast Check

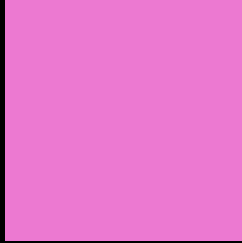
Large Text (above 18pt) WCAG AA × Fail

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 165.4170, 40.2920, 51.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

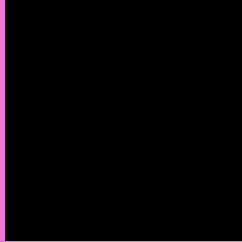
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4170, 40.2920, 51.7480

Background



This preview shows how black text looks on a background with the YIQ color 165.4170, 40.2920, 51.7480.



This preview shows how white text looks on a background with the YIQ color 165.4170, 40.2920,

51.7480.

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

165.4170, 40.2920, 51.7480

Protanopia

161.8300, -39.6630, 19.4810

Deuteranopia

163.6030, -14.3990, 13.1610



Tritanopia

164.2460, 52.8140, 23.0380

Trichromacy



Original Color

165.4170, 40.2920, 51.7480



Protanomaly

163.1220, -10.8260, 31.0140



Deuteranomaly

164.0990, 5.1760, 27.3520



Tritanomaly

164.8300, 48.5940, 33.4420

Monochromacy



Original Color

165.4170, 40.2920, 51.7480



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.2060, 14.7600, 18.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4170, 40.2920, 51.7480 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(236, 121, 209)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 209)  
}
```

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(236, 121, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 209) }
```

Border

The CSS property to change the border of an element to YIQ 165.4170, 40.2920, 51.7480 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(236, 121, 209) }
```


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

```
.border{ border-color:rgb(236, 121, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 209);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4170, 40.2920, 51.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 209) }
```

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

```
.background{ background-color: rgb(236,  
121, 209) }
```

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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