

Converting Colors

YIQ(165.0270, 41.2100, 46.1220)

Have a look what the booklet for
YIQ(165.0270, 41.2100, 46.1220)
contains.

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Color

**YIQ(165.0270, 41.2100,
46.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	E97CC6
RGB	233, 124, 198
RGB Percent	91%, 49%, 78%
CMY	0.0860, 0.5139, 0.2234
CMYK	0.00, 0.47, 0.15, 0.09
HSL	319°, 71%, 70%
HSV	319°, 47%, 91%
XYZ	51.0278, 35.8191, 57.6668
YIQ	165.0270, 41.2100, 46.1220

Conversions

Conversions Part 2

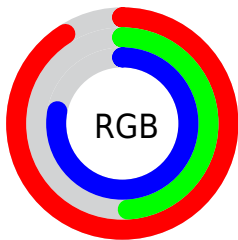
Format	Color
R _Y B	233, 124, 198
Decimal	15301830
CIE _{Lab}	66.38, 51.28, -19.78
CIE _{LCh}	66, 54.963, 338.910
Yxy	35.8191, 0.3531, 0.2479
Android (android.graphics.Color)	4293491910 (0xFFE97CC6)
YUV	165.0270, 16.2557, 59.6123
Hunter-Lab	59.8490, 47.4548, -15.2338

Details

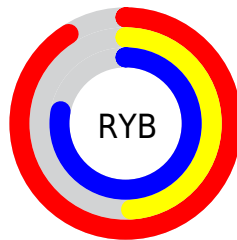
The YIQ color **165.0270, 41.2100, 46.1220** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.9730, -41.2100, -46.1220**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3880, 20.9000, 39.7480**, and **109.8310, 38.8260, 45.2740** is the 20% darker color. If you saturate the color by 10%, you get **150.7280, 49.7820, 55.9740**, and if you desaturate by 10%, it is **179.4400, 32.3170, 36.5810**.

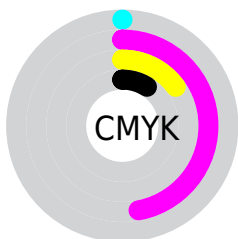
Distribution



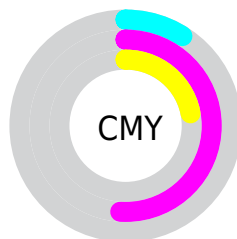
- Red (91%)
- Green (49%)
- Blue (78%)



- Red (91%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.0270, 41.2100, 46.1220 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 165.0270, 41.2100, 46.1220 by changing the saturation by 10% instead.


 165.0270, 41.2100,
46.1220


 165.0270, 41.2100,
46.1220


255.0000, -0.0000,
-0.0000


 137.4290, 40.0180,
45.6980


 210.3880, 20.9000,
39.7480


 109.8310, 38.8260,
45.2740


 227.4110, 12.9250,
24.5810

 82.0590, 38.1840,
45.8960

 244.4340, 4.9500,
9.4140

 49.4170, 40.2920,
51.7480

 35.7870, 32.9580,
41.4860

 25.0920, 24.2490,
28.6090

 15.5220, 16.6860,

16.9900

■ 0.0000, 0.0000,
0.0000

■ 165.0270, 41.2100,
46.1220

■ 165.0270, 41.2100,
46.1220

■ 150.7280, 49.7820,
55.9740

■ 179.4400, 32.3170,
36.5810

■ 135.7280, 58.9500,
66.0380

■ 194.3260, 23.4700,
26.2060

■ 121.4290, 67.5220,
75.8900

■ 208.6250, 14.8980,
16.3540

■ 107.0160, 76.4150,
85.4310

■ 223.0380, 6.0050,
6.8130

■ 92.1300, 85.2620,
95.8060

■ 237.3370, -2.5670,
-3.0390

■ 87.6790, 88.1500,
98.5340

■ 247.0540, -9.2600,
-8.3960

■ 247.8520,
-11.5070, -6.2190

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



165.6160, -6.1050, 39.0710



165.0270, 41.2100, 46.1220



161.8990, 70.5090, 38.2610

Triad

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



165.0270, 41.2100, 46.1220



155.2050, 40.5820, -30.6340



133.3160, -121.8620, -27.1900

Complementary

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



165.0270, 41.2100, 46.1220



191.9730, -41.2100, -46.1220

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.



129.1320, -107.3250, -42.8530



165.0270, 41.2100, 46.1220



149.0240, -1.6890, -40.9930

Square

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



165.0270, 41.2100, 46.1220



158.2230, 67.6750, -9.5170



131.7230, -69.8650, -49.9370



132.1540, -129.6130, -13.3650

Rectangle

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



165.0270, 41.2100, 46.1220



160.1750, 77.9390, 24.7470



131.7230, -69.8650, -49.9370



132.3070, -117.6430, -32.0670

Sweetspot

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



165.0270, 41.2100, 46.1220



232.6140, 13.4310, 15.4070



146.8910, -14.1290, 41.3190



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.



165.0270, 41.2100, 46.1220



165.8150, 54.0910, 60.4830



158.8710, 58.5440, 29.3280



110.2010, 3.9880, 4.8200



68.1410, 68.3930, 76.6250



20.2500, 20.6280, 22.6440

Inverse Universe

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



165.0270, 41.2100, 46.1220



165.8150, 54.0910, 60.4830



198.1290, -58.5440, -29.3280



110.2010, 3.9880, 4.8200



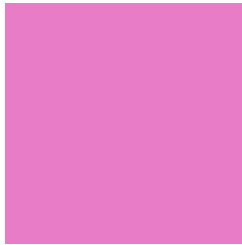
68.1410, 68.3930, 76.6250



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 165.0270, 41.2100, 46.1220 looks on a white background.

Color Contrast Check

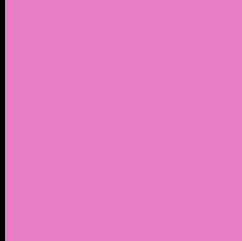
Large Text (above 18pt) WCAG AA × Fail

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 165.0270, 41.2100, 46.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

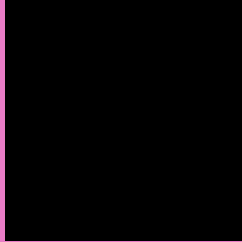
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.0270, 41.2100, 46.1220

Background



This preview shows how black text looks on a background with the YIQ color 165.0270, 41.2100, 46.1220.



This preview shows how white text looks on a background with the YIQ color 165.0270, 41.2100,

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

165.0270, 41.2100, 46.1220

Protanopia

162.2130, -30.6760, 16.3000

Deuteranopia

163.3710, -7.9340, 11.6340



Tritanopia

163.6480, 51.6220, 22.6140

Trichromacy



Original Color

165.0270, 41.2100, 46.1220



Protanomaly

163.4230, -4.5440, 27.2960



Deuteranomaly

164.0300, 9.6240, 23.8320



Tritanomaly

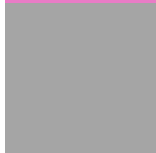
164.0640, 47.8150, 31.0390

Monochromacy



Original Color

165.0270, 41.2100, 46.1220



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.0380, 15.1730, 16.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0270, 41.2100, 46.1220 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(233, 124, 198)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 198)  
}
```

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(233, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 198) }
```

Border

The CSS property to change the border of an element to YIQ 165.0270, 41.2100, 46.1220 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(233, 124, 198) }
```


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

```
.border{ border-color:rgb(233, 124, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 198);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0270, 41.2100, 46.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 198) }
```

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

```
.background{ background-color: rgb(233,  
124, 198) }
```

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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