

Converting Colors

YIQ(164.9010, 41.8050, 51.8610)

Have a look what the booklet for
YIQ(164.9010, 41.8050, 51.8610)
contains.

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Color

**YIQ(164.9010, 41.8050,
51.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	ED78CF
RGB	237, 120, 207
RGB Percent	93%, 47%, 81%
CMY	0.0703, 0.5296, 0.1881
CMYK	0.00, 0.49, 0.13, 0.07
HSL	315°, 77%, 70%
HSV	315°, 49%, 93%
XYZ	52.9295, 35.9465, 63.1963
YIQ	164.9010, 41.8050, 51.8610

Conversions

Conversions Part 2

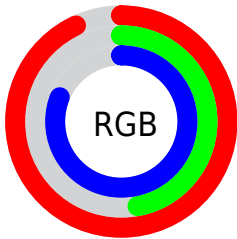
Format	Color
R _Y B	237, 120, 207
Decimal	15562959
CIE Lab	66.48, 55.85, -24.62
CIE LCh	66, 61.036, 336.206
Yxy	35.9465, 0.3481, 0.2364
Android (android.graphics.Color)	4293753039 (0xFFED78CF)
YUV	164.9010, 20.7548, 63.2308
Hunter-Lab	59.9554, 52.6604, -20.5261

Details

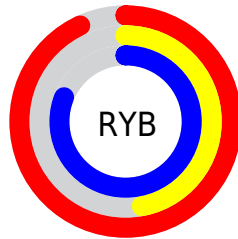
The YIQ color **164.9010, 41.8050, 51.8610** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.0990, -41.8050, -51.8610**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.6270, 21.7250, 41.3170**, and **109.0040, 40.0170, 51.2250** is the 20% darker color. If you saturate the color by 10%, you get **150.1290, 50.3310, 62.5470**, and if you desaturate by 10%, it is **179.6730, 33.2790, 41.1750**.

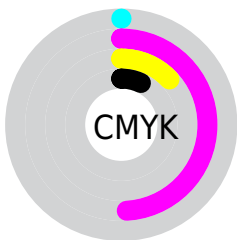
Distribution



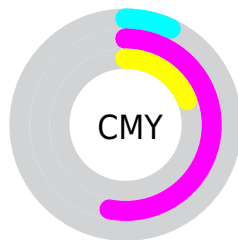
- Red (93%)
- Green (47%)
- Blue (81%)



- Red (93%)
- Yellow (47%)
- Blue (81%)



- Cyan (0%)
- Magenta (49%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.9010, 41.8050, 51.8610 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 164.9010, 41.8050, 51.8610 by changing the saturation by 10% instead.

 164.9010, 41.8050,
51.8610


 164.9010, 41.8050,
51.8610


255.0000, -0.0000,
-0.0000


 137.1890, 40.9340,
51.1260


 208.6270, 21.7250,
41.3170


 109.0040, 40.0170,
51.2250


 225.0630, 14.0250,
26.6730

 79.7590, 39.3290,
52.6810

 242.0860, 6.0500,
11.5060

 48.2910, 40.8870,
57.4870

 37.4820, 32.4990,
44.2990

 26.7870, 23.7900,
31.4220

 17.1030, 16.5480,

19.4920

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 164.9010, 41.8050,
51.8610

■ 164.9010, 41.8050,
51.8610

■ 150.1290, 50.3310,
62.5470

■ 179.6730, 33.2790,
41.1750

■ 135.9440, 58.5820,
72.7100

■ 193.8580, 25.0280,
31.0120

■ 121.1720, 67.1080,
83.3960

■ 208.6300, 16.5020,
20.3260

■ 106.4000, 75.6340,
94.0820

■ 223.4020, 7.9760,
9.6400

91.6280, 84.1600,
104.7680

238.1740, -0.5500,
-1.0460

90.9270, 84.7560,
104.9800

248.3640, -7.1970,
-7.2370

249.0480, -9.1230,
-5.3710

249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



165.4890, -12.9370, 41.7430



164.9010, 41.8050, 51.8610



158.1430, 72.9380, 43.8020

Triad

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



164.9010, 41.8050, 51.8610



154.1750, 49.2940, -34.3380



135.4190, -123.6500, -27.8260

Complementary

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



164.9010, 41.8050, 51.8610



192.0990, -41.8050, -51.8610

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.



129.9640, -106.9120, -44.8320



164.9010, 41.8050, 51.8610



148.0150, 2.5300, -45.8700

Square

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



164.9010, 41.8050, 51.8610



158.1270, 76.7530, -8.8390



122.0040, -87.1940, -60.7780



134.1430, -131.0800, -14.3120

Rectangle

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



164.9010, 41.8050, 51.8610



157.5610, 82.8440, 29.4680



122.0040, -87.1940, -60.7780



134.1820, -118.7890, -33.3250

Sweetspot

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



164.9010, 41.8050, 51.8610



231.5540, 13.6600, 16.7640



142.0090, -20.2730, 42.5350



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.



164.9010, 41.8050, 51.8610



162.5040, 53.7690, 66.3210



158.2890, 60.4230, 33.8230



110.2010, 3.9880, 4.8200



69.5090, 64.5410, 80.3570



20.7060, 19.3440, 23.8880

Inverse Universe

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



164.9010, 41.8050, 51.8610



162.5040, 53.7690, 66.3210



198.7110, -60.4230, -33.8230



110.2010, 3.9880, 4.8200



69.5090, 64.5410, 80.3570



20.7060, 19.3440, 23.8880

Previews

White Background



This preview shows how the YIQ color 164.9010, 41.8050, 51.8610 looks on a white background.

Color Contrast Check

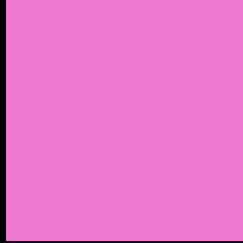
Large Text (above 18pt) WCAG AA × Fail

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 164.9010, 41.8050, 51.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

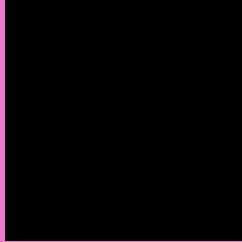
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.9010, 41.8050, 51.8610

Background



This preview shows how black text looks on a background with the YIQ color 164.9010, 41.8050, 51.8610.



This preview shows how white text looks on a background with the YIQ color 164.9010, 41.8050,

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

164.9010, 41.8050, 51.8610

Protanopia

161.9010, -38.4250, 19.0710

Deuteranopia

163.3750, -13.7570, 12.5390



Tritanopia

163.8440, 54.0060, 23.4620

Trichromacy



Original Color

164.9010, 41.8050, 51.8610



Protanomaly

162.6060, -9.3130, 31.1270



Deuteranomaly

164.1700, 6.4140, 26.9420



Tritanomaly

164.4280, 49.7860, 33.8660

Monochromacy



Original Color

164.9010, 41.8050, 51.8610



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.0920, 15.0810, 18.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.9010, 41.8050, 51.8610 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(237, 120, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 207)  
}
```

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(237, 120, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 207) }
```

Border

The CSS property to change the border of an element to YIQ 164.9010, 41.8050, 51.8610 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(237, 120, 207) }
```


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

```
.border{ border-color:rgb(237, 120, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 164.9010, 41.8050, 51.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 120, 207) }
```

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

```
.background{ background-color: rgb(237,  
120, 207) }
```

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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