

Converting Colors

YIQ(164.7650, 47.2190, 30.8270)

Have a look what the booklet for
YIQ(164.7650, 47.2190, 30.8270)
contains.

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Color

**YIQ(164.7650, 47.2190,
30.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	E584A5
RGB	229, 132, 165
RGB Percent	90%, 52%, 65%
CMY	0.1017, 0.4825, 0.3528
CMYK	0.00, 0.42, 0.28, 0.10
HSL	340°, 65%, 71%
HSV	340°, 42%, 90%
XYZ	47.3746, 35.8782, 40.0453
YIQ	164.7650, 47.2190, 30.8270

Conversions

Conversions Part 2

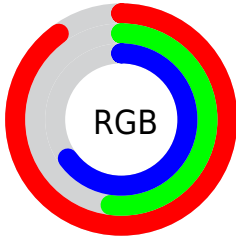
Format	Color
R _Y B	229, 132, 165
Decimal	15041701
CIE Lab	66.43, 41.15, -1.18
CIE LCh	66, 41.165, 358.359
Yxy	35.8782, 0.3842, 0.2910
Android (android.graphics.Color)	4293231781 (0xFFE584A5)
YUV	164.7650, 0.1159, 56.3341
Hunter-Lab	59.8984, 36.3563, 2.2903

Details

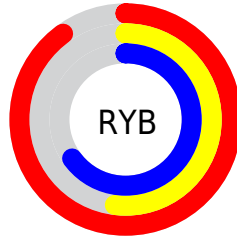
The YIQ color **164.7650, 47.2190, 30.8270** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **196.2350, -47.2190, -30.8270**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.0940, 29.9350, 24.6790**, and **110.9710, 43.6430, 29.5550** is the 20% darker color. If you saturate the color by 10%, you get **149.5540, 58.3590, 38.1910**, and if you desaturate by 10%, it is **179.9760, 36.0790, 23.4630**.

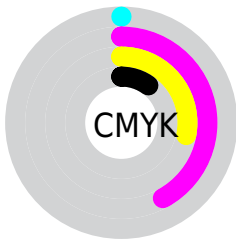
Distribution



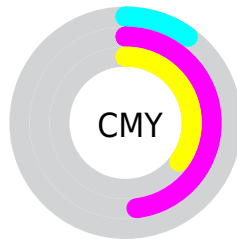
- Red (90%)
- Green (52%)
- Blue (65%)



- Red (90%)
- Yellow (52%)
- Blue (65%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (10%)




- Cyan (10%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.7650, 47.2190, 30.8270 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 164.7650, 47.2190, 30.8270 by changing the saturation by 10% instead.


 164.7650, 47.2190,
30.8270


 164.7650, 47.2190,
30.8270


255.0000, -0.0000,
-0.0000

 137.8680, 45.4310,
30.1910


 211.0940, 29.9350,
24.6790


 110.9710, 43.6430,
29.5550


 230.7220, 13.2470,
18.7430

 84.6010, 41.8090,
29.7530

 248.5430, 3.0250,
5.7530

 58.0570, 40.5250,
30.9970

 31.6270, 38.9200,
32.5520

 21.4590, 30.1650,
20.5090

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 164.7650, 47.2190,
30.8270

■ 164.7650, 47.2190,
30.8270

■ 149.5540, 58.3590,
38.1910

■ 179.9760, 36.0790,
23.4630

■ 134.3430, 69.4990,
45.5550

■ 195.1870, 24.9390,
16.0990

■ 119.1320, 80.6390,
52.9190

■ 210.3980, 13.7990,
8.7350

■ 103.9210, 91.7790,
60.2830

■ 225.6090, 2.6590,
1.3710

■ 88.7100, 102.9190,
67.6470

■ 240.3470, -8.5270,
-5.1590

■ 77.3630, 111.4460,
72.8060

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



166.1010, 20.0300, 33.4860



164.7650, 47.2190, 30.8270



162.9060, 59.4630, 18.1750

Triad

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



164.7650, 47.2190, 30.8270



155.1710, 11.5590, -27.7770



128.2610, -120.0290, -21.8610

Complementary

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



164.7650, 47.2190, 30.8270



196.2350, -47.2190, -30.8270

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.



127.8900, -112.0950, -33.4950



164.7650, 47.2190, 30.8270



148.7890, -25.5320, -32.8920

Square

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



164.7650, 47.2190, 30.8270



159.0500, 40.1210, -16.7670



136.5180, -76.0570, -36.8330



153.8330, -62.0810, 7.2550

Rectangle

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



164.7650, 47.2190, 30.8270



161.7560, 59.4650, 7.1210



136.5180, -76.0570, -36.8330



128.5230, -118.0110, -25.3950

Sweetspot

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



164.7650, 47.2190, 30.8270



233.1210, 16.1370, 10.4170



161.8950, 6.4110, 43.5230



114.0770, 10.2690, 6.6290



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.



164.7650, 47.2190, 30.8270



168.8860, 63.3560, 41.2440



169.8080, 53.6870, 12.7190



107.0440, 5.8680, 3.7880



60.4750, 87.1030, 56.9190



17.1870, 24.9390, 16.0990

Inverse Universe

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



164.7650, 47.2190, 30.8270



168.8860, 63.3560, 41.2440



191.1920, -53.6870, -12.7190



107.0440, 5.8680, 3.7880



60.4750, 87.1030, 56.9190



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 164.7650, 47.2190, 30.8270 looks on a white background.

Color Contrast Check

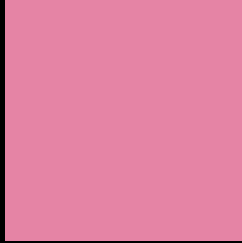
Large Text (above 18pt) WCAG AA × Fail

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 164.7650, 47.2190, 30.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

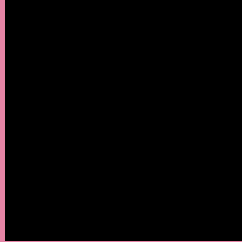
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.7650, 47.2190, 30.8270

Background



This preview shows how black text looks on a background with the YIQ color 164.7650, 47.2190, 30.8270.



This preview shows how white text looks on a background with the YIQ color 164.7650, 47.2190,

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

164.7650, 47.2190, 30.8270

Protanopia

162.9100, -8.2540, 6.4180

Deuteranopia

163.7350, 11.2320, 5.6960



Tritanopia

163.6480, 51.6220, 22.6140

Trichromacy



Original Color

164.7650, 47.2190, 30.8270

Protanomaly

163.1300, 11.9180, 15.2940

Deuteranomaly

164.2470, 24.7100, 14.7420

Tritanomaly

164.1580, 50.2460, 25.5260

Monochromacy



Original Color

164.7650, 47.2190, 30.8270

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8330, 17.0080, 11.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7650, 47.2190, 30.8270 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(229, 132, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 132, 165)  
}
```

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(229, 132, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 132, 165) }
```

Border

The CSS property to change the border of an element to YIQ 164.7650, 47.2190, 30.8270 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(229, 132, 165) }
```


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

```
.border{ border-color:rgb(229, 132, 165) }
```

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

Here you see how a box with a 4 pixel rgb(229, 132, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 132, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 132, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 132,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7650, 47.2190, 30.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 132, 165) }
```

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

```
.background{ background-color: rgb(229,  
132, 165) }
```

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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