

Converting Colors

YIQ(164.1400, 50.6570, 34.6010)

Have a look what the booklet for
YIQ(164.1400, 50.6570, 34.6010)
contains.

YIQ(164.1400, 50.6570, 34.6010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(164.1400, 50.6570,
34.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	EA80A7
RGB	234, 128, 167
RGB Percent	92%, 50%, 65%
CMY	0.0821, 0.4982, 0.3449
CMYK	0.00, 0.45, 0.29, 0.08
HSL	338°, 72%, 71%
HSV	338°, 45%, 92%
XYZ	48.6473, 35.7227, 40.9115
YIQ	164.1400, 50.6570, 34.6010

Conversions

Conversions Part 2

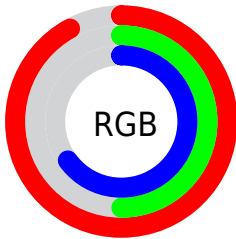
Format	Color
R_{YB}	234, 128, 167
Decimal	15368359
CIE _{Lab}	66.31, 45.18, -2.41
CIE _{LCh}	66, 45.244, 356.947
Yxy	35.7227, 0.3883, 0.2851
Android (android.graphics.Color)	4293558439 (0xFFEA80A7)
YUV	164.1400, 1.4100, 61.2672
Hunter-Lab	59.7685, 40.6914, 1.2540

Details

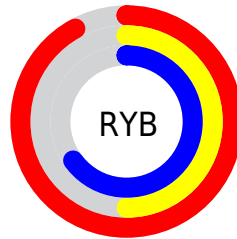
The YIQ color **164.1400, 50.6570, 34.6010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **197.8600, -50.6570, -34.6010**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.9740, 30.3930, 27.3930**, and **109.7590, 47.3560, 33.8520** is the 20% darker color. If you saturate the color by 10%, you get **148.9290, 61.7970, 41.9650**, and if you desaturate by 10%, it is **179.3510, 39.5170, 27.2370**.

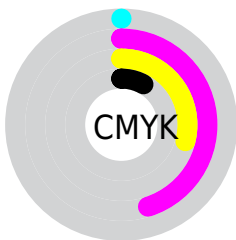
Distribution



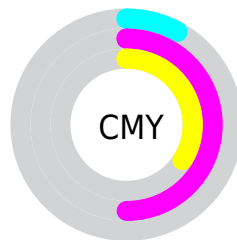
- Red (92%)
- Green (50%)
- Blue (65%)



- Red (92%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (8%)




- Cyan (8%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.1400, 50.6570, 34.6010 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 164.1400, 50.6570, 34.6010 by changing the saturation by 10% instead.

 164.1400, 50.6570,
34.6010


 164.1400, 50.6570,
34.6010


255.0000, -0.0000,
-0.0000


 136.6560, 49.1440,
34.4880


 208.9740, 30.3930,
27.3930


 109.7590, 47.3560,
33.8520


 228.7160, 13.3840,
21.7680

 83.0900, 44.9260,
33.8380

 246.1950, 4.1250,
7.8450

 54.6710, 44.7880,
36.3400

 32.6380, 40.3870,
33.4990

 22.5840, 31.3110,
21.7670

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 164.1400, 50.6570,
34.6010

■ 164.1400, 50.6570,
34.6010

■ 148.9290, 61.7970,
41.9650

■ 179.3510, 39.5170,
27.2370

■ 133.1310, 73.2120,
49.8520

■ 195.1490, 28.1020,
19.3500

■ 118.0340, 84.0310,
57.5270

■ 210.2460, 17.2830,
11.6750

■ 102.2360, 95.4460,
65.4140

■ 226.0440, 5.8680,
3.7880

■ 87.0250, 106.5860,
72.7780

■ 241.2550, -5.2720,
-3.5760

■ 79.7700, 111.8580,
76.3540

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



166.0950, 20.1670, 36.5110



164.1400, 50.6570, 34.6010



162.2380, 64.4600, 21.2280

Triad

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



164.1400, 50.6570, 34.6010



154.1450, 14.4480, -30.5760



129.8910, -121.8630, -21.6630

Complementary

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



164.1400, 50.6570, 34.6010



197.8600, -50.6570, -34.6010

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.



129.2920, -113.2870, -33.9190



164.1400, 50.6570, 34.6010



147.1970, -26.8610, -36.3410

Square

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



164.1400, 50.6570, 34.6010



157.8610, 45.0270, -17.5730



124.6180, -100.1260, -46.6700



150.1350, -74.7350, 5.3050

Rectangle

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



164.1400, 50.6570, 34.6010



160.9200, 64.8750, 8.1950



124.6180, -100.1260, -46.6700



130.1530, -119.8450, -25.1970

Sweetspot

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



164.1400, 50.6570, 34.6010



231.2460, 17.2830, 11.6750



159.5190, 4.7140, 46.7460



113.4900, 10.5440, 7.1520



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.



164.1400, 50.6570, 34.6010



164.0760, 65.8770, 45.1170



166.7380, 59.8760, 16.1960



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Inverse Universe

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



164.1400, 50.6570, 34.6010



164.0760, 65.8770, 45.1170



195.2620, -59.8760, -16.1960



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 164.1400, 50.6570, 34.6010 looks on a white background.

Color Contrast Check

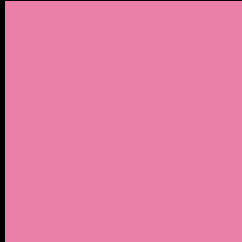
Large Text (above 18pt) WCAG AA × Fail

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 164.1400, 50.6570, 34.6010 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 164.1400, 50.6570, 34.6010

Background



This preview shows how black text looks on a background with the YIQ color 164.1400, 50.6570, 34.6010.



This preview shows how white text looks on a background with the YIQ color 164.1400, 50.6570,

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

164.1400, 50.6570, 34.6010

Protanopia

162.1810, -10.4550, 7.7610

Deuteranopia

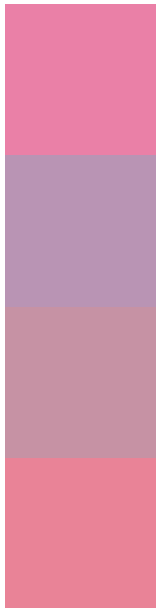
163.5500, 10.3150, 5.7950



Tritanopia

163.6270, 56.1150, 23.7870

Trichromacy



Original Color

164.1400, 50.6570, 34.6010

Protanomaly

162.7110, 11.7800, 17.7960

Deuteranomaly

163.6000, 25.2140, 16.6220

Tritanomaly

163.7780, 54.3720, 27.8440

Monochromacy



Original Color

164.1400, 50.6570, 34.6010

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9580, 18.1540, 12.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1400, 50.6570, 34.6010 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(234, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(234, 128, 167)  
}
```

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(234, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 128, 167) }
```

Border

The CSS property to change the border of an element to YIQ 164.1400, 50.6570, 34.6010 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(234, 128, 167) }
```


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

```
.border{ border-color:rgb(234, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(234, 128,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1400, 50.6570, 34.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 128, 167) }
```

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

```
.background{ background-color: rgb(234,  
128, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor