

Converting Colors

YIQ(167.2560, 65.1900, 41.0460)

Have a look what the booklet for
YIQ(167.2560, 65.1900, 41.0460)
contains.

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Color

**YIQ(167.2560, 65.1900,
41.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BA5
RGB	255, 123, 165
RGB Percent	100%, 48%, 65%
CMY	0.0000, 0.5178, 0.3527
CMYK	0.00, 0.52, 0.35, 0.00
HSL	341°, 100%, 74%
HSV	341°, 52%, 100%
XYZ	55.1129, 38.1309, 40.0801
YIQ	167.2560, 65.1900, 41.0460

Conversions

Conversions Part 2

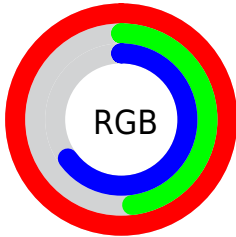
Format	Color
R_{YB}	255, 123, 165
Decimal	16743333
CIE Lab	68.12, 54.37, 1.69
CIE LCh	68, 54.394, 1.785
Yxy	38.1309, 0.4134, 0.2860
Android (android.graphics.Color)	4294933413 (0xFFFF7BA5)
YUV	167.2560, -1.1122, 76.9515
Hunter-Lab	61.7502, 51.2507, 4.7419

Details

The YIQ color **167.2560, 65.1900, 41.0460** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **210.7440, -65.1900, -41.0460**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.3980, 32.1350, 28.8630**, and **111.1030, 61.2470, 40.9190** is the 20% darker color. If you saturate the color by 10%, you get **150.0560, 77.7970, 49.3570**, and if you desaturate by 10%, it is **183.8690, 52.8580, 33.2580**.

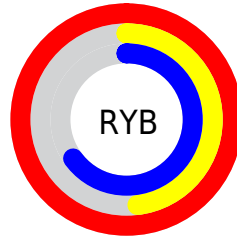
Distribution



Red (100%)

Green (48%)

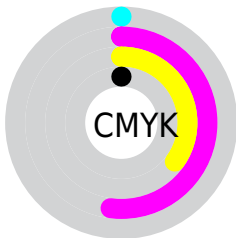
Blue (65%)



Red (100%)

Yellow (48%)

Blue (65%)

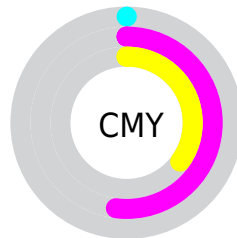


Cyan (0%)

Magenta (52%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.2560, 65.1900, 41.0460 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 167.2560, 65.1900, 41.0460 by changing the saturation by 10% instead.


 167.2560, 65.1900,
41.0460


 167.2560, 65.1900,
41.0460


255.0000, -0.0000,
-0.0000


 139.4730, 63.0810,
40.7210


 206.3980, 32.1350,
28.8630


 111.1030, 61.2470,
40.9190


 226.0260, 15.4470,
22.9270

 81.7870, 59.3210,
42.7850

 244.4340, 4.9500,
9.4140

 48.1880, 59.8700,
49.3580

 37.3080, 50.2440,
36.5800

 26.6560, 39.9760,
24.4240

 16.6730, 32.1380,

12.2820

■ 2.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 167.2560, 65.1900,
41.0460

■ 167.2560, 65.1900,
41.0460

■ 150.0560, 77.7970,
49.3570

■ 183.8690, 52.8580,
33.2580

■ 133.3290, 90.4500,
56.8340

■ 201.1830, 39.9300,
25.2580

■ 116.1290,
103.0570, 65.1450

■ 217.7960, 27.5980,
17.4700

■ 99.5160, 115.3890,
72.9330

■ 235.1100, 14.6700,
9.4700

■ 85.4790, 125.9790,
79.2510

■ 251.7230, 2.3380,
1.6820

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



170.8240, 31.5360, 45.2320



167.2560, 65.1900, 41.0460



165.0070, 78.3520, 22.7680

Triad

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



167.2560, 65.1900, 41.0460



155.5370, 10.0480, -38.9440



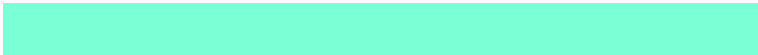
136.1490, -131.2170, -17.3370

Complementary

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



167.2560, 65.1900, 41.0460



210.7440, -65.1900, -41.0460

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.



135.5670, -121.3110, -31.6710



167.2560, 65.1900, 41.0460



145.0480, -45.7950, -45.6270

Square

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



167.2560, 65.1900, 41.0460



160.5590, 48.5130, -25.6870



130.6820, -106.1780, -47.1220



150.6870, -85.0970, 5.8710

Rectangle

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



167.2560, 65.1900, 41.0460



164.2000, 75.6500, 5.6500



130.6820, -106.1780, -47.1220



136.7700, -128.8320, -22.0160

Sweetspot

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



167.2560, 65.1900, 41.0460



227.7410, 20.2630, 12.7350



164.3600, 10.0760, 59.7080



111.3870, 12.3320, 7.7880



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.



167.2560, 65.1900, 41.0460



149.9420, 78.1180, 49.0460



175.3820, 72.6220, 16.4780



119.3430, 6.4640, 4.0000



64.0630, 94.2550, 59.4630



21.4160, 31.7240, 19.7880

Inverse Universe

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



167.2560, 65.1900, 41.0460



149.9420, 78.1180, 49.0460



202.6180, -72.6220, -16.4780



119.3430, 6.4640, 4.0000



64.0630, 94.2550, 59.4630



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 167.2560, 65.1900, 41.0460 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 167.2560, 65.1900, 41.0460 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 167.2560, 65.1900, 41.0460

Background



This preview shows how black text looks on a background with the YIQ color 167.2560, 65.1900, 41.0460.



This preview shows how white text looks on a background with the YIQ color 167.2560, 65.1900,

41.0460.

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

167.2560, 65.1900, 41.0460

Protanopia

166.9530, -9.8130, 7.1390

Deuteranopia

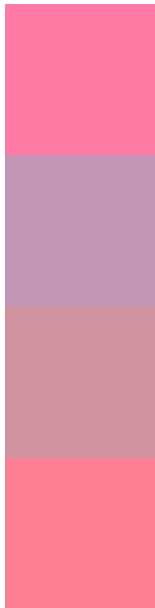
167.9480, 14.9460, 4.4660



Tritanopia

166.4010, 71.6110, 29.2990

Trichromacy



Original Color

167.2560, 65.1900, 41.0460

Protanomaly

167.2880, 17.4650, 19.3930

Deuteranomaly

167.4330, 33.0540, 17.7100

Tritanomaly

166.6660, 69.5470, 33.6670

Monochromacy



Original Color

167.2560, 65.1900, 41.0460

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.0620, 23.7930, 14.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.2560, 65.1900, 41.0460 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(255, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 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(255, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 165) }
```

Border

The CSS property to change the border of an element to YIQ 167.2560, 65.1900, 41.0460 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(255, 123, 165) }
```


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

```
.border{ border-color:rgb(255, 123, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 167.2560, 65.1900, 41.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 165) }
```

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

```
.background{ background-color: rgb(255,  
123, 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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