

Converting Colors

YIQ(165.8090, 62.2550, 44.6790)

Have a look what the booklet for
YIQ(165.8090, 62.2550, 44.6790)
contains.

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Color

**YIQ(165.8090, 62.2550,
44.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	FD78AD
RGB	253, 120, 173
RGB Percent	99%, 47%, 68%
CMY	0.0075, 0.5296, 0.3214
CMYK	0.00, 0.53, 0.32, 0.01
HSL	336°, 97%, 73%
HSV	336°, 53%, 99%
XYZ	54.7981, 37.3381, 43.8806
YIQ	165.8090, 62.2550, 44.6790

Conversions

Conversions Part 2

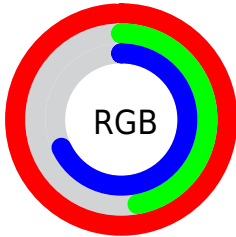
Format	Color
R_{YB}	253, 120, 173
Decimal	16611501
CIE Lab	67.53, 56.10, -3.71
CIE LCh	68, 56.226, 356.214
Yxy	37.3381, 0.4029, 0.2745
Android (android.graphics.Color)	4294801581 (0xFFFD78AD)
YUV	165.8090, 3.5452, 76.4665
Hunter-Lab	61.1049, 53.1431, 0.1961

Details

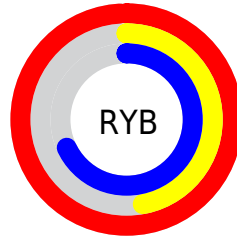
The YIQ color **165.8090, 62.2550, 44.6790** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **207.1910, -62.2550, -44.6790**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5490, 30.3920, 32.9200**, and **109.0690, 58.5870, 45.0750** is the 20% darker color. If you saturate the color by 10%, you get **149.4240, 73.9450, 53.0890**, and if you desaturate by 10%, it is **182.1940, 50.5650, 36.2690**.

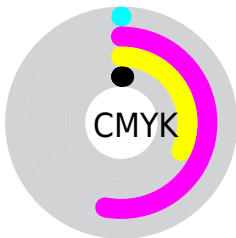
Distribution



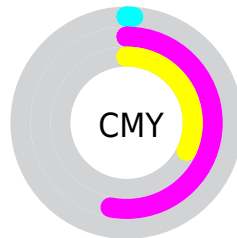
- Red (99%)
- Green (47%)
- Blue (68%)



- Red (99%)
- Yellow (47%)
- Blue (68%)



- Cyan (0%)
- Magenta (53%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.8090, 62.2550, 44.6790 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 165.8090, 62.2550, 44.6790 by changing the saturation by 10% instead.


 165.8090, 62.2550,
44.6790


 165.8090, 62.2550,
44.6790


255.0000, -0.0000,
-0.0000

 137.4390, 60.4210,
44.8770


 205.5490, 30.3920,
32.9200


 109.0690, 58.5870,
45.0750


 225.6500, 13.7500,
26.1500

 79.3510, 57.8530,
47.3650

 242.6730, 5.7750,
10.9830

 48.5730, 57.3480,
51.0120

 37.6930, 47.7220,
38.2340

 26.9270, 37.7750,
25.7670

 16.3740, 31.5420,

12.0700

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 165.8090, 62.2550,
44.6790

■ 165.8090, 62.2550,
44.6790

■ 149.4240, 73.9450,
53.0890

■ 182.1940, 50.5650,
36.2690

■ 132.4520, 85.9100,
62.0220

■ 199.1660, 38.6000,
27.3360

■ 115.9530, 97.9210,
70.1210

■ 215.6650, 26.5890,
19.2370

■ 99.5680, 109.6110,
78.5310

■ 232.0500, 14.8990,
10.8270

■ 87.1610, 118.3670,
85.0470

■ 248.4350, 3.2090,
2.4170

■ 254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



169.1590, 23.2830, 46.1230



165.8090, 62.2550, 44.6790



163.0550, 78.3970, 27.4610

Triad

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



165.8090, 62.2550, 44.6790



155.0280, 18.8510, -38.7890



136.2800, -130.2080, -19.1040

Complementary

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



165.8090, 62.2550, 44.6790



207.1910, -62.2550, -44.6790

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.



134.6550, -118.7430, -34.1590



165.8090, 62.2550, 44.6790



144.9090, -35.1580, -45.6700

Square

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



165.8090, 62.2550, 44.6790



159.7340, 55.3900, -23.6660



128.7270, -102.0510, -50.3310



130.0340, -129.1550, -10.6510

Rectangle

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



165.8090, 62.2550, 44.6790



162.5150, 79.3170, 10.7810



128.7270, -102.0510, -50.3310



136.2000, -127.2270, -23.5710

Sweetspot

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



165.8090, 62.2550, 44.6790



228.0830, 19.3000, 13.6680



159.0820, 4.9870, 58.3230



111.6150, 11.6900, 8.4100



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.



165.8090, 62.2550, 44.6790



149.4350, 75.4120, 54.0360



167.3980, 75.6930, 21.3970



119.4570, 6.1430, 4.3110



65.7730, 89.4400, 64.1280



21.9860, 30.1190, 21.3430

Inverse Universe

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



165.8090, 62.2550, 44.6790



149.4350, 75.4120, 54.0360



205.6020, -75.6930, -21.3970



119.4570, 6.1430, 4.3110



65.7730, 89.4400, 64.1280



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 165.8090, 62.2550, 44.6790 looks on a white background.

Color Contrast Check

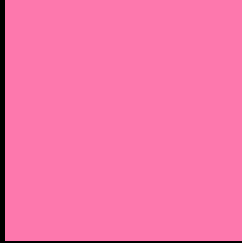
Large Text (above 18pt) WCAG AA × Fail

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 165.8090, 62.2550, 44.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

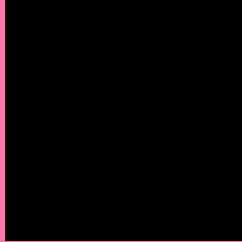
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.8090, 62.2550, 44.6790

Background



This preview shows how black text looks on a background with the YIQ color 165.8090, 62.2550, 44.6790.



This preview shows how white text looks on a background with the YIQ color 165.8090, 62.2550,

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

165.8090, 62.2550, 44.6790

Protanopia

165.4240, -15.4530, 10.2350

Deuteranopia

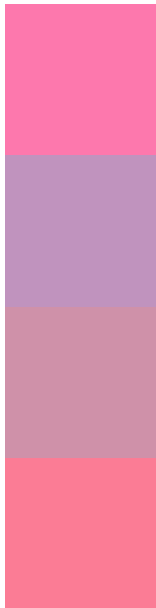
166.7780, 9.6730, 6.4170



Tritanopia

164.8030, 70.4190, 28.8750

Trichromacy



Original Color

165.8090, 62.2550, 44.6790

Protanomaly

165.3570, 13.0170, 22.9130

Deuteranomaly

166.2740, 29.2480, 20.6080

Tritanomaly

164.8230, 67.6670, 34.6990

Monochromacy



Original Color

165.8090, 62.2550, 44.6790

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9310, 22.7840, 16.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8090, 62.2550, 44.6790 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(253, 120, 173)` looks like.

```
.text, #text, p{  
    color:rgb(253, 120, 173)  
}
```

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(253, 120, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 120, 173) }
```

Border

The CSS property to change the border of an element to YIQ 165.8090, 62.2550, 44.6790 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(253, 120, 173) }
```


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

```
.border{ border-color:rgb(253, 120, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 120, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 120, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 120, 173); box-shadow:4px 4px 4px 4px rgb(253, 120, 173) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8090, 62.2550, 44.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 120, 173) }
```

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

```
.background{ background-color: rgb(253,  
120, 173) }
```

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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