

Converting Colors

YIQ(150.7520, 67.5700, 64.0020)

Have a look what the booklet for
YIQ(150.7520, 67.5700, 64.0020)
contains.

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Color

**YIQ(150.7520, 67.5700,
64.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5BB9
RGB	255, 91, 185
RGB Percent	100%, 36%, 73%
CMY	0.0000, 0.6434, 0.2743
CMYK	0.00, 0.64, 0.27, 0.00
HSL	326°, 100%, 68%
HSV	326°, 64%, 100%
XYZ	53.7374, 32.2353, 49.3163
YIQ	150.7520, 67.5700, 64.0020

Conversions

Conversions Part 2

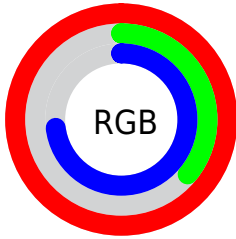
Format	Color
R _Y B	255, 91, 185
Decimal	16735161
CIE Lab	63.54, 70.61, -16.46
CIE LCh	64, 72.505, 346.878
Yxy	32.2353, 0.3972, 0.2383
Android (android.graphics.Color)	4294925241 (0xFFFF5BB9)
YUV	150.7520, 16.8843, 91.4255
Hunter-Lab	56.7762, 69.5882, -11.7565

Details

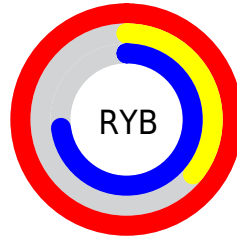
The YIQ color **150.7520, 67.5700, 64.0020** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **195.2480, -67.5700, -64.0020**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7690, 33.3690, 50.5610**, and **82.4460, 68.8520, 73.8120** is the 20% darker color. If you saturate the color by 10%, you get **134.2360, 78.2510, 74.1790**, and if you desaturate by 10%, it is **166.6810, 57.1640, 54.3480**.

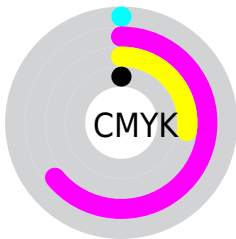
Distribution



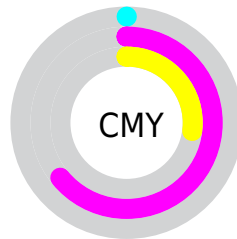
- Red (100%)
- Green (36%)
- Blue (73%)



- Red (100%)
- Yellow (36%)
- Blue (73%)



- Cyan (0%)
- Magenta (64%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.7520, 67.5700, 64.0020 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 150.7520, 67.5700, 64.0020 by changing the saturation by 10% instead.


 150.7520, 67.5700,
64.0020


 150.7520, 67.5700,
64.0020


255.0000, -0.0000,
-0.0000


 119.6210, 66.5610,
65.7690


 191.7690, 33.3690,
50.5610


 82.4460, 68.8520,
73.8120


 210.3880, 20.9000,
39.7480

 61.5330, 63.9930,
68.2570

 227.4110, 12.9250,
24.5810

 49.7130, 54.1380,
54.1220

 245.0210, 4.6750,
8.8910

 38.4200, 44.2370,
40.8210

 27.5400, 34.6110,
28.0430

 16.8450, 25.9020,

15.1660

■ 0.0000, 0.0000,
0.0000

■ 150.7520, 67.5700,
64.0020

■ 150.7520, 67.5700,
64.0020

■ 134.2360, 78.2510,
74.1790

■ 166.6810, 57.1640,
54.3480

■ 118.3070, 88.6570,
83.8330

■ 183.1970, 46.4830,
44.1710

■ 101.7910, 99.3380,
94.0100

■ 199.1260, 36.0770,
34.5170

■ 92.8890, 105.1140,
99.4660

■ 215.6420, 25.3960,
24.3400

■ 231.4570, 15.3110,
14.3750

247.9730, 4.6300,
4.1980

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.



157.9530, 9.6640, 56.1600



150.7520, 67.5700, 64.0020



141.5810, 89.2600, 45.3560

Triad

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



150.7520, 67.5700, 64.0020



139.9440, 44.8500, -52.9260



133.8180, -128.7870, -17.3230

Complementary

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



150.7520, 67.5700, 64.0020



195.2480, -67.5700, -64.0020

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.



129.0810, -111.3150, -36.6190



150.7520, 67.5700, 64.0020



129.8540, -25.2980, -59.1700

Square

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



150.7520, 67.5700, 64.0020



144.9590, 85.1930, -29.6470



120.7420, -89.2120, -57.2440



128.2730, -128.3300, -9.0820

Rectangle

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



150.7520, 67.5700, 64.0020



145.8260, 97.9750, 25.0710



120.7420, -89.2120, -57.2440



133.0540, -123.8800, -23.6560

Sweetspot

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



150.7520, 67.5700, 64.0020



224.4300, 19.9410, 18.5730



130.0280, -12.1160, 65.4200



108.9080, 12.4230, 11.6470



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.



150.7520, 67.5700, 64.0020



130.3720, 80.8640, 76.3840



141.6320, 93.2500, 39.1220



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Inverse Universe

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



150.7520, 67.5700, 64.0020



130.3720, 80.8640, 76.3840



204.3680, -93.2500, -39.1220



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 150.7520, 67.5700, 64.0020 looks on a white background.

Color Contrast Check

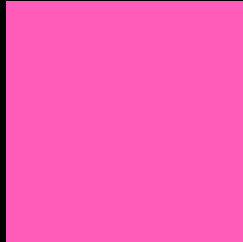
Large Text (above 18pt) WCAG AA × Fail

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 150.7520, 67.5700, 64.0020 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 150.7520, 67.5700, 64.0020

Background



This preview shows how black text looks on a background with the YIQ color 150.7520, 67.5700, 64.0020.



This preview shows how white text looks on a background with the YIQ color 150.7520, 67.5700,

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

150.7520, 67.5700, 64.0020

Protanopia

153.6020, -39.0210, 18.8590

Deuteranopia

155.6550, -2.9820, 9.9940



Tritanopia

150.9570, 81.7890, 32.0690

Trichromacy



Original Color

150.7520, 67.5700, 64.0020



Protanomaly

152.6180, -0.4190, 35.1410



Deuteranomaly

154.1350, 22.6900, 29.3300



Tritanomaly

150.8830, 76.6060, 43.4060

Monochromacy



Original Color

150.7520, 67.5700, 64.0020



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.8160, 24.8460, 23.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7520, 67.5700, 64.0020 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, 91, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 185)  
}
```

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, 91, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 185) }
```

Border

The CSS property to change the border of an element to YIQ 150.7520, 67.5700, 64.0020 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, 91, 185) }
```


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

```
.border{ border-color:rgb(255, 91, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 150.7520, 67.5700, 64.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 185) }
```

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

```
.background{ background-color: rgb(255, 91,  
185) }
```

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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