

Converting Colors

YIQ(152.4620, 62.7550, 68.6670)

Have a look what the booklet for
YIQ(152.4620, 62.7550, 68.6670)
contains.

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Color

**YIQ(152.4620, 62.7550,
68.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5BC8
RGB	255, 91, 200
RGB Percent	100%, 36%, 78%
CMY	0.0000, 0.6434, 0.2155
CMYK	0.00, 0.64, 0.22, 0.00
HSL	320°, 100%, 68%
HSV	320°, 64%, 100%
XYZ	55.4055, 32.9025, 58.0999
YIQ	152.4620, 62.7550, 68.6670

Conversions

Conversions Part 2

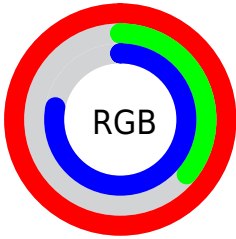
Format	Color
R_{YB}	255, 91, 200
Decimal	16735176
CIE _{Lab}	64.08, 72.50, -24.15
CIE _{LCh}	64, 76.413, 341.579
Yxy	32.9025, 0.3784, 0.2247
Android (android.graphics.Color)	4294925256 (0xFFFF5BC8)
YUV	152.4620, 23.4362, 89.9258
Hunter-Lab	57.3607, 72.0341, -19.9016

Details

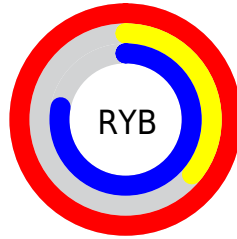
The YIQ color **152.4620, 62.7550, 68.6670** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **193.5380, -62.7550, -68.6670**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.3650, 28.8750, 54.9150**, and **82.2810, 65.1830, 79.7350** is the 20% darker color. If you saturate the color by 10%, you get **136.2880, 72.4730, 79.7770**, and if you desaturate by 10%, it is **168.1630, 52.9910, 58.3910**.

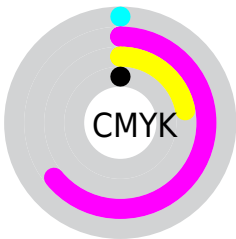
Distribution



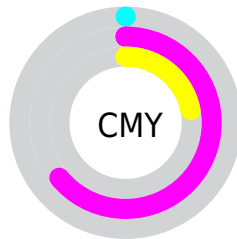
- Red (100%)
- Green (36%)
- Blue (78%)



- Red (100%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (64%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.4620, 62.7550, 68.6670 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 152.4620, 62.7550, 68.6670 by changing the saturation by 10% instead.

152.4620, 62.7550,
68.6670

152.4620, 62.7550,
68.6670

255.0000, -0.0000,
-0.0000

121.6300, 62.3420,
70.6460

193.3650, 28.8750,
54.9150

82.2810, 65.1830,
79.7350

210.3880, 20.9000,
39.7480

63.0150, 59.8200,
72.3000

227.9980, 12.6500,
24.0580

51.4940, 50.5610,
58.3770

245.6080, 4.4000,
8.3680

40.0870, 40.9810,
44.7650

29.0930, 31.6760,
31.6760

18.3270, 21.7290,

19.2090

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 152.4620, 62.7550,
68.6670

■ 152.4620, 62.7550,
68.6670

■ 136.2880, 72.4730,
79.7770

■ 168.1630, 52.9910,
58.3910

■ 120.5870, 82.2370,
90.0530

■ 184.3370, 43.2730,
47.2810

■ 104.2990, 92.2760,
100.8520

■ 200.0380, 33.5090,
37.0050

■ 95.6250, 97.4100,
106.9300

■ 216.2120, 23.7910,
25.8950

231.9130, 14.0270,
15.6190

248.0870, 4.3090,
4.5090

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.



158.9670, -2.1190, 54.9450



152.4620, 62.7550, 68.6670



138.8400, 87.3330, 52.7490

Triad

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



152.4620, 62.7550, 68.6670



142.9450, 52.2770, -49.8590



135.9380, -129.2450, -20.0370

Complementary

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



152.4620, 62.7550, 68.6670



193.5380, -62.7550, -68.6670

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.



129.8160, -109.2510, -40.9870



152.4620, 62.7550, 68.6670



132.5750, -11.4510, -62.3230

Square

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



152.4620, 62.7550, 68.6670



145.6120, 93.7200, -24.4880



119.8470, -85.3140, -61.8100



131.7950, -129.9800, -12.2200

Rectangle

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



152.4620, 62.7550, 68.6670



142.0420, 97.6070, 31.7430



119.8470, -85.3140, -61.8100



134.2450, -123.1000, -26.7800

Sweetspot

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



152.4620, 62.7550, 68.6670



225.0000, 18.3360, 20.1280



126.1410, -19.8640, 62.6640



109.2500, 11.4600, 12.5800



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.



152.4620, 62.7550, 68.6670



132.4240, 75.0860, 81.9820



143.1140, 89.0770, 43.1650



119.7990, 5.1800, 5.2440



71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Inverse Universe

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



152.4620, 62.7550, 68.6670



132.4240, 75.0860, 81.9820



202.8860, -89.0770, -43.1650



119.7990, 5.1800, 5.2440



71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 152.4620, 62.7550, 68.6670 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 152.4620, 62.7550, 68.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

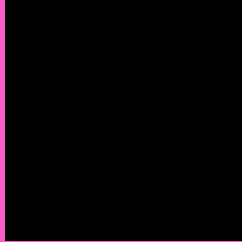
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.4620, 62.7550, 68.6670

Background



This preview shows how black text looks on a background with the YIQ color 152.4620, 62.7550, 68.6670.



This preview shows how white text looks on a background with the YIQ color 152.4620, 62.7550,

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

152.4620, 62.7550, 68.6670

Protanopia

153.8490, -49.8420, 22.2380

Deuteranopia

156.7450, -11.9230, 12.3410



Tritanopia

153.4620, 78.8090, 31.0090

Trichromacy



Original Color

152.4620, 62.7550, 68.6670



Protanomaly

153.0610, -8.8560, 39.3680



Deuteranomaly

155.2360, 15.2160, 32.6240



Tritanomaly

152.9690, 73.4880, 44.8480

Monochromacy



Original Color

152.4620, 62.7550, 68.6670



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.0870, 22.6450, 24.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4620, 62.7550, 68.6670 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 200) }
```

Border

The CSS property to change the border of an element to YIQ 152.4620, 62.7550, 68.6670 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, 200) }
```


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

```
.border{ border-color:rgb(255, 91, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4620, 62.7550, 68.6670 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, 200) }
```

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

```
.background{ background-color: rgb(255, 91,  
200) }
```

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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