

Converting Colors

YIQ(136.6340, 64.5460, 52.7220)

Have a look what the booklet for
YIQ(136.6340, 64.5460, 52.7220)
contains.

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Color

**YIQ(136.6340, 64.5460,
52.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	E7559B
RGB	231, 85, 155
RGB Percent	91%, 33%, 61%
CMY	0.0937, 0.6669, 0.3920
CMYK	0.00, 0.63, 0.33, 0.09
HSL	331°, 75%, 62%
HSV	331°, 63%, 91%
XYZ	42.1516, 25.8612, 33.8031
YIQ	136.6340, 64.5460, 52.7220

Conversions

Conversions Part 2

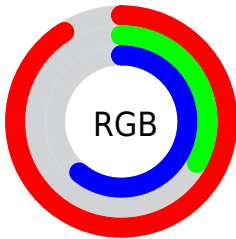
Format	Color
R _Y B	231, 85, 155
Decimal	15160731
CIE Lab	57.91, 62.74, -8.00
CIE LCh	58, 63.248, 352.732
Yxy	25.8612, 0.4140, 0.2540
Android (android.graphics.Color)	4293350811 (0xFFE7559B)
YUV	136.6340, 9.0544, 82.7590
Hunter-Lab	50.8539, 58.9602, -3.8129

Details

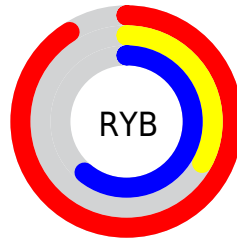
The YIQ color **136.6340, 64.5460, 52.7220** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **179.3660, -64.5460, -52.7220**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4250, 45.8410, 44.7930**, and **71.7900, 64.4070, 60.7510** is the 20% darker color. If you saturate the color by 10%, you get **121.7650, 74.7230, 61.0190**, and if you desaturate by 10%, it is **151.5030, 54.3690, 44.4250**.

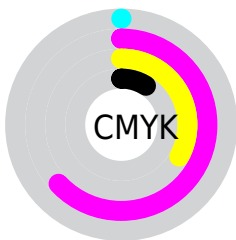
Distribution



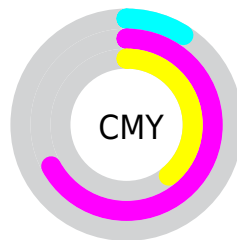
- Red (91%)
- Green (33%)
- Blue (61%)



- Red (91%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6340, 64.5460, 52.7220 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 136.6340, 64.5460, 52.7220 by changing the saturation by 10% instead.


 136.6340, 64.5460,
52.7220


 136.6340, 64.5460,
52.7220


255.0000, -0.0000,
-0.0000


 107.0900, 63.2620,
53.9660


 183.4250, 45.8410,
44.7930

 71.7900, 64.4070,
60.7510


 203.1670, 28.8320,
39.1680


 51.5780, 58.9520,
54.9840

 222.1280, 15.4000,
29.2880

 40.2850, 49.0510,
41.6830

 239.7380, 7.1500,
13.5980

 29.5190, 39.1040,
29.2160

 19.1230, 30.9910,
16.5510

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 136.6340, 64.5460,
52.7220

■ 136.6340, 64.5460,
52.7220

■ 121.7650, 74.7230,
61.0190

■ 151.5030, 54.3690,
44.4250

■ 106.8960, 84.9000,
69.3160

■ 166.3720, 44.1920,
36.1280

■ 92.0270, 95.0770,
77.6130

■ 181.2410, 34.0150,
27.8310

■ 81.7230, 102.0450,
83.4930

■ 196.1100, 23.8380,
19.5340

■ 210.9790, 13.6610,
11.2370

■ 226.4350, 3.2090,
2.4170

■ 241.3040, -6.9680,
-5.8800

■ 247.3680,
-13.0200, -6.3320

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



142.9400, 19.7060, 50.3780



136.6340, 64.5460, 52.7220



133.9190, 84.9520, 35.3200

Triad

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



136.6340, 64.5460, 52.7220



127.0750, 28.6640, -45.9280



120.3850, -117.1420, -13.6060

Complementary

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



136.6340, 64.5460, 52.7220



179.3660, -64.5460, -52.7220

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.



117.3750, -103.1550, -30.3150



136.6340, 64.5460, 52.7220



115.4370, -36.9450, -51.8330

Square

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



136.6340, 64.5460, 52.7220



130.7490, 68.2290, -30.5790



110.2900, -84.5830, -47.5190



116.4360, -121.1790, -1.0110

Rectangle

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



136.6340, 64.5460, 52.7220



134.3850, 85.7350, 15.6150



110.2900, -84.5830, -47.5190



119.9630, -113.1980, -19.0060

Sweetspot

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



136.6340, 64.5460, 52.7220



223.9740, 21.2250, 17.3290



124.0690, -2.1660, 61.3060



108.5660, 13.3860, 10.7140



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.



136.6340, 64.5460, 52.7220



129.6080, 85.7710, 70.0510



129.8280, 86.4660, 29.9060



107.2720, 5.2260, 4.4100



63.3250, 79.0780, 64.6940



17.9850, 22.6920, 18.2760

Inverse Universe

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



136.6340, 64.5460, 52.7220



129.6080, 85.7710, 70.0510



186.1720, -86.4660, -29.9060



107.2720, 5.2260, 4.4100



63.3250, 79.0780, 64.6940



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 136.6340, 64.5460, 52.7220 looks on a white background.

Color Contrast Check

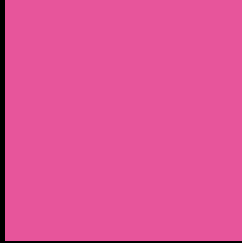
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6340, 64.5460, 52.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

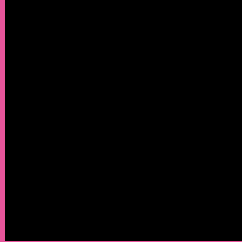
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.6340, 64.5460, 52.7220

Background



This preview shows how black text looks on a background with the YIQ color 136.6340, 64.5460, 52.7220.



This preview shows how white text looks on a background with the YIQ color 136.6340, 64.5460,

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

136.6340, 64.5460, 52.7220

Protanopia

139.7420, -25.0360, 13.2040

Deuteranopia

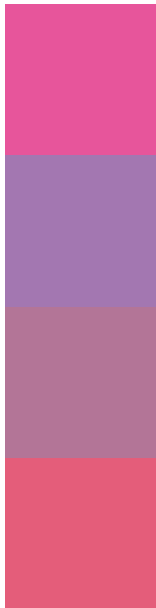
140.6680, 4.1710, 7.0110



Tritanopia

136.5540, 75.5540, 29.4260

Trichromacy



Original Color

136.6340, 64.5460, 52.7220

Protanomaly

138.7680, 7.6060, 27.3660

Deuteranomaly

139.4140, 26.0380, 23.7180

Tritanomaly

136.6710, 71.1510, 37.6390

Monochromacy



Original Color

136.6340, 64.5460, 52.7220

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8110, 23.2420, 19.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6340, 64.5460, 52.7220 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(231, 85, 155)` looks like.

```
.text, #text, p{  
    color:rgb(231, 85, 155)  
}
```

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(231, 85, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 85, 155) }
```

Border

The CSS property to change the border of an element to YIQ 136.6340, 64.5460, 52.7220 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(231, 85, 155) }
```


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

```
.border{ border-color:rgb(231, 85, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 85, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 85, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 85, 155);  
box-shadow:4px 4px 4px 4px rgb(231, 85,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6340, 64.5460, 52.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 85, 155) }
```

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

```
.background{ background-color: rgb(231, 85,  
155) }
```

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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