

Converting Colors

YIQ(132.0340, 66.8360, 66.2920)

Have a look what the booklet for
YIQ(132.0340, 66.8360, 66.2920)
contains.

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Color

**YIQ(132.0340, 66.8360,
66.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	ED47AB
RGB	237, 71, 171
RGB Percent	93%, 28%, 67%
CMY	0.0701, 0.7218, 0.3292
CMYK	0.00, 0.70, 0.28, 0.07
HSL	324°, 82%, 60%
HSV	324°, 70%, 93%
XYZ	44.5681, 25.4643, 41.1181
YIQ	132.0340, 66.8360, 66.2920

Conversions

Conversions Part 2

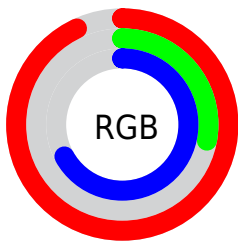
Format	Color
R _Y B	237, 71, 171
Decimal	15550379
CIE Lab	57.53, 71.53, -17.79
CIE LCh	58, 73.709, 346.030
Yxy	25.4643, 0.4010, 0.2291
Android (android.graphics.Color)	4293740459 (0xFFED47AB)
YUV	132.0340, 19.2102, 92.0552
Hunter-Lab	50.4622, 69.3418, -12.9877

Details

The YIQ color **132.0340, 66.8360, 66.2920** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **175.9660, -66.8360, -66.2920**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.9060, 43.4090, 55.8330**, and **66.4890, 67.2930, 74.5330** is the 20% darker color. If you saturate the color by 10%, you get **116.9200, 76.3250, 76.0450**, and if you desaturate by 10%, it is **147.1480, 57.3470, 56.5390**.

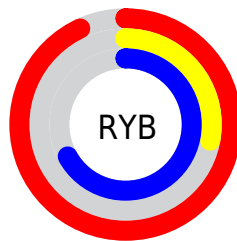
Distribution



Red (93%)

Green (28%)

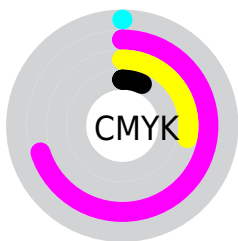
Blue (67%)



Red (93%)

Yellow (28%)

Blue (67%)

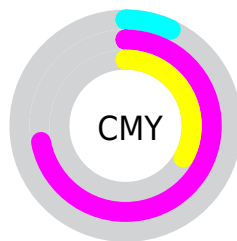


Cyan (0%)

Magenta (70%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.0340, 66.8360, 66.2920 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 132.0340, 66.8360, 66.2920 by changing the saturation by 10% instead.


 132.0340, 66.8360,
66.2920


 132.0340, 66.8360,
66.2920


255.0000, -0.0000,
-0.0000


 98.2670, 67.7980,
70.8860


 178.9060, 43.4090,
55.8330

 66.4890, 67.2930,
74.5330


 199.2350, 26.1250,
49.6850

 54.6690, 57.4380,
60.3980


 216.8450, 17.8750,
33.9950

 43.2620, 47.8580,
46.7860

 233.8680, 9.9000,
18.8280

 32.3820, 38.2320,
34.0080

 251.4780, 1.6500,
3.1380

 21.9150, 28.8810,
21.7530

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 132.0340, 66.8360,
66.2920

■ 132.0340, 66.8360,
66.2920

■ 116.9200, 76.3250,
76.0450

■ 147.1480, 57.3470,
56.5390

■ 102.2790, 85.8600,
84.9640

■ 161.7890, 47.8120,
47.6200

■ 87.1650, 95.3490,
94.7170

■ 176.9030, 38.3230,
37.8670

■ 192.1310, 28.5130,
28.4250

■ 206.6580, 19.2990,
19.1950

221.8860, 9.4890,
9.7530

237.0000, -0.0000,
-0.0000

248.5920, -7.8390,
-6.6150

249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



141.2840, 7.2340, 56.1460



132.0340, 66.8360, 66.2920



125.9890, 97.0990, 51.9710

Triad

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



132.0340, 66.8360, 66.2920



125.7680, 39.7140, -47.9500



122.4880, -118.9300, -14.2420

Complementary

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



132.0340, 66.8360, 66.2920



175.9660, -66.8360, -66.2920

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.



117.6370, -101.1370, -33.8490



132.0340, 66.8360, 66.2920



112.3870, -25.4810, -61.3610

Square

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



132.0340, 66.8360, 66.2920



129.8970, 79.7360, -24.3600



108.8250, -79.0800, -53.6400



119.4680, -124.2050, -1.2370

Rectangle

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



132.0340, 66.8360, 66.2920



129.1900, 99.9460, 27.8980



108.8250, -79.0800, -53.6400



121.7240, -114.0230, -20.5750

Sweetspot

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



132.0340, 66.8360, 66.2920



220.9080, 21.5910, 21.7110



109.0600, -15.1420, 65.1940



107.7340, 12.9730, 12.6930



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.



132.0340, 66.8360, 66.2920



119.6920, 86.1350, 85.4870



122.8000, 92.8370, 41.1010



110.0870, 4.3090, 4.5090



66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Inverse Universe

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



132.0340, 66.8360, 66.2920



119.6920, 86.1350, 85.4870



185.2000, -92.8370, -41.1010



110.0870, 4.3090, 4.5090



66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 132.0340, 66.8360, 66.2920 looks on a white background.

Color Contrast Check

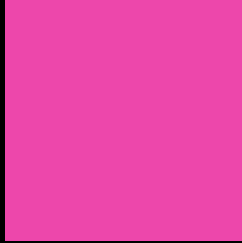
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.0340, 66.8360, 66.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

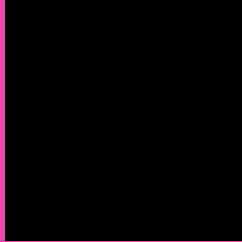
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.0340, 66.8360, 66.2920

Background



This preview shows how black text looks on a background with the YIQ color 132.0340, 66.8360, 66.2920.



This preview shows how white text looks on a background with the YIQ color 132.0340, 66.8360,

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

132.0340, 66.8360, 66.2920

Protanopia

137.0900, -43.3310, 19.8770

Deuteranopia

139.8720, -5.0910, 9.6690



Tritanopia

133.5440, 81.5140, 31.5460

Trichromacy



Original Color

132.0340, 66.8360, 66.2920



Protanomaly

135.1170, -3.2620, 37.1060



Deuteranomaly

137.1780, 21.1310, 30.0510



Tritanomaly

133.1110, 75.9640, 44.0280

Monochromacy



Original Color

132.0340, 66.8360, 66.2920



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.0440, 24.2040, 23.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0340, 66.8360, 66.2920 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(237, 71, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 71, 171)  
}
```

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(237, 71, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 171) }
```

Border

The CSS property to change the border of an element to YIQ 132.0340, 66.8360, 66.2920 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(237, 71, 171) }
```


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

```
.border{ border-color:rgb(237, 71, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 71, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0340, 66.8360, 66.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 171) }
```

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

```
.background{ background-color: rgb(237, 71,  
171) }
```

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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