

Converting Colors

YIQ(132.3900, 63.2580, 76.0740)

Have a look what the booklet for
YIQ(132.3900, 63.2580, 76.0740)
contains.

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Color

**YIQ(132.3900, 63.2580,
76.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	F042C0
RGB	240, 66, 192
RGB Percent	94%, 26%, 75%
CMY	0.0583, 0.7414, 0.2469
CMYK	0.00, 0.73, 0.20, 0.06
HSL	317°, 85%, 60%
HSV	317°, 73%, 94%
XYZ	47.4406, 26.2427, 52.4569
YIQ	132.3900, 63.2580, 76.0740

Conversions

Conversions Part 2

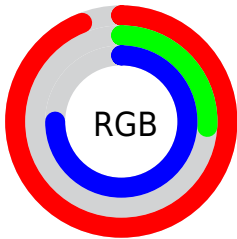
Format	Color
R _Y B	240, 66, 192
Decimal	15745728
CIE Lab	58.27, 76.50, -28.74
CIE LCh	58, 81.725, 339.410
Yxy	26.2427, 0.3761, 0.2080
Android (android.graphics.Color)	4293935808 (0xFFFF042C0)
YUV	132.3900, 29.3877, 94.3740
Hunter-Lab	51.2276, 75.6559, -24.8534

Details

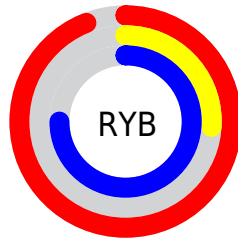
The YIQ color **132.3900, 63.2580, 76.0740** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **173.6100, -63.2580, -76.0740**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.7670, 36.8510, 64.5550**, and **69.5520, 62.9820, 81.0780** is the 20% darker color. If you saturate the color by 10%, you get **117.5040, 72.1050, 86.4490**, and if you desaturate by 10%, it is **147.2760, 54.4110, 65.6990**.

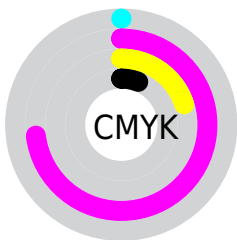
Distribution



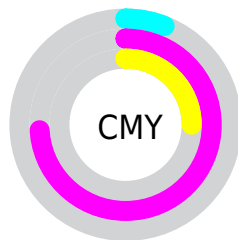
- Red (94%)
- Green (26%)
- Blue (75%)



- Red (94%)
- Yellow (26%)
- Blue (75%)



- Cyan (0%)
- Magenta (73%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (74%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.3900, 63.2580, 76.0740 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 132.3900, 63.2580, 76.0740 by changing the saturation by 10% instead.


 132.3900, 63.2580,
76.0740


 132.3900, 63.2580,
76.0740


255.0000, -0.0000,
-0.0000


 95.1010, 65.8700,
83.8060


 179.7670, 36.8510,
64.5550


 69.5520, 62.9820,
81.0780


 198.0610, 26.6750,
50.7310


 57.7320, 53.1270,
66.9430


 215.6710, 18.4250,
35.0410

 46.2110, 43.8680,
53.0200

 232.6940, 10.4500,
19.8740

 35.1030, 34.8840,
39.6200

 250.8910, 1.9250,
3.6610

 24.5220, 25.8540,
27.0540

 12.9300, 15.3570,

13.5410

■ 0.0000, 0.0000,
0.0000

■ 132.3900, 63.2580,
76.0740

■ 132.3900, 63.2580,
76.0740

■ 117.5040, 72.1050,
86.4490

■ 147.2760, 54.4110,
65.6990

■ 102.7320, 80.6310,
97.1350

■ 162.0480, 45.8850,
55.0130

■ 91.5960, 87.1860,
104.9940

■ 176.9340, 37.0380,
44.6380

■ 191.8200, 28.1910,
34.2630

■ 206.5920, 19.6650,
23.5770

221.4780, 10.8180,
13.2020

236.2500, 2.2920,
2.5160

249.3750, -5.7300,
-6.2900

250.1730, -7.9770,
-4.1130

Harmonies

Analogous

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



142.9430, -10.7390, 56.9810



132.3900, 63.2580, 76.0740



116.4540, 100.7640, 68.1560

Triad

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



132.3900, 63.2580, 76.0740



129.0790, 49.2040, -43.7240



126.0100, -120.5800, -17.3800

Complementary

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



132.3900, 63.2580, 76.0740



173.6100, -63.2580, -76.0740

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.



118.8450, -99.0270, -39.0510



132.3900, 63.2580, 76.0740



113.3550, -5.2600, -69.9000

Square

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



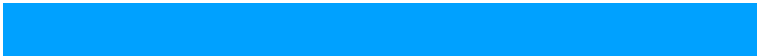
132.3900, 63.2580, 76.0740



131.4580, 91.5180, -17.6180



108.4200, -73.8060, -61.1180



123.5770, -126.1300, -4.8980

Rectangle

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



132.3900, 63.2580, 76.0740



123.5370, 109.7550, 42.8670



108.4200, -73.8060, -61.1180



124.2030, -114.1140, -24.4340

Sweetspot

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



132.3900, 63.2580, 76.0740



220.4180, 20.2150, 24.6230



99.5900, -28.4380, 63.8660



106.9020, 12.5600, 14.6720



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.



132.3900, 63.2580, 76.0740



117.7320, 80.6310, 97.1350



122.7000, 90.5430, 49.6390



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Inverse Universe

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



132.3900, 63.2580, 76.0740



117.7320, 80.6310, 97.1350



183.3000, -90.5430, -49.6390



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 132.3900, 63.2580, 76.0740 looks on a white background.

Color Contrast Check

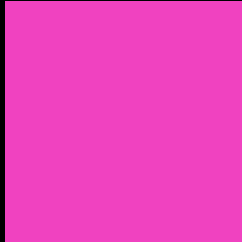
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3900, 63.2580, 76.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

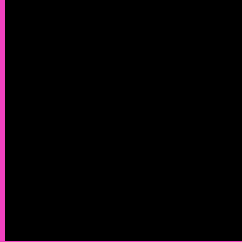
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.3900, 63.2580, 76.0740

Background



This preview shows how black text looks on a background with the YIQ color 132.3900, 63.2580, 76.0740.



This preview shows how white text looks on a background with the YIQ color 132.3900, 63.2580,

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

132.3900, 63.2580, 76.0740

Protanopia

135.1170, -65.1560, 24.4440

Deuteranopia

141.2220, -17.7000, 12.4120



Tritanopia

135.9460, 80.3220, 31.1220

Trichromacy



Original Color

132.3900, 63.2580, 76.0740



Protanomaly

133.9060, -18.4850, 43.1710



Deuteranomaly

138.0770, 11.4100, 35.5220



Tritanomaly

134.7350, 74.2670, 47.2510

Monochromacy



Original Color

132.3900, 63.2580, 76.0740



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.0810, 22.7820, 27.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3900, 63.2580, 76.0740 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(240, 66, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 66, 192)  
}
```

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(240, 66, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 66, 192) }
```

Border

The CSS property to change the border of an element to YIQ 132.3900, 63.2580, 76.0740 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(240, 66, 192) }
```


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

```
.border{ border-color:rgb(240, 66, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 66, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 66, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 66, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 66,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3900, 63.2580, 76.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 66, 192) }
```

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

```
.background{ background-color: rgb(240, 66,  
192) }
```

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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