

Converting Colors

YIQ(128.4060, 66.3290, 80.9930)

Have a look what the booklet for
YIQ(128.4060, 66.3290, 80.9930)
contains.

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Color

**YIQ(128.4060, 66.3290,
80.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	F23AC1
RGB	242, 58, 193
RGB Percent	95%, 23%, 76%
CMY	0.0505, 0.7728, 0.2430
CMYK	0.00, 0.76, 0.20, 0.05
HSL	316°, 88%, 59%
HSV	316°, 76%, 95%
XYZ	47.8030, 25.7712, 52.9306
YIQ	128.4060, 66.3290, 80.9930

Conversions

Conversions Part 2

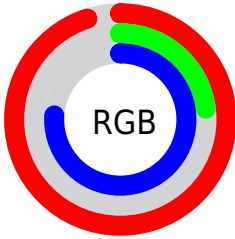
Format	Color
R _Y B	242, 58, 193
Decimal	15874753
CIE Lab	57.82, 79.44, -29.98
CIE LCh	58, 84.910, 339.322
Yxy	25.7712, 0.3779, 0.2037
Android (android.graphics.Color)	4294064833 (0xFFFF23AC1)
YUV	128.4060, 31.8448, 99.6219
Hunter-Lab	50.7654, 79.2444, -26.2831

Details

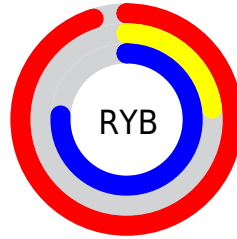
The YIQ color **128.4060, 66.3290, 80.9930** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **171.5940, -66.3290, -80.9930**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9460, 37.9050, 67.4810**, and **69.9650, 63.2570, 81.6010** is the 20% darker color. If you saturate the color by 10%, you get **113.6340, 74.8550, 91.6790**, and if you desaturate by 10%, it is **143.1780, 57.8030, 70.3070**.

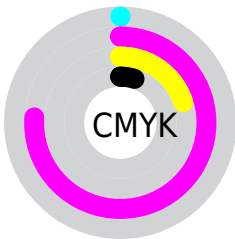
Distribution



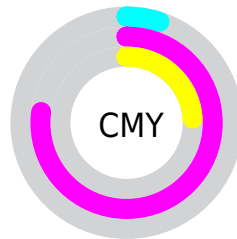
- Red (95%)
- Green (23%)
- Blue (76%)



- Red (95%)
- Yellow (23%)
- Blue (76%)



- Cyan (0%)
- Magenta (76%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (77%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.4060, 66.3290, 80.9930 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 128.4060, 66.3290, 80.9930 by changing the saturation by 10% instead.


 128.4060, 66.3290,
80.9930


 128.4060, 66.3290,
80.9930


255.0000, -0.0000,
-0.0000


 82.3120, 73.0660,
96.5700


 176.9460, 37.9050,
67.4810


 70.2640, 63.8530,
81.8130


 195.1260, 28.0500,
53.3460

 58.3300, 54.3190,
67.3670


 212.7360, 19.8000,
37.6560

 46.9230, 44.7390,
53.7550

 230.3460, 11.5500,
21.9660

 35.5160, 35.1590,
40.1430

 247.9560, 3.3000,
6.2760

 24.8210, 26.4500,
27.2660

 13.3430, 15.6320,

14.0640

■ 0.0000, 0.0000,
0.0000

■ 128.4060, 66.3290,
80.9930

■ 128.4060, 66.3290,
80.9930

■ 113.6340, 74.8550,
91.6790

■ 143.1780, 57.8030,
70.3070

■ 98.7480, 83.7020,
102.0540

■ 158.0640, 48.9560,
59.9320

■ 92.6500, 87.0940,
106.6620

■ 173.4230, 40.1550,
48.7230

■ 188.3090, 31.3080,
38.3480

■ 203.0810, 22.7820,
27.6620

217.9670, 13.9350,
17.2870

232.7390, 5.4090,
6.6010

248.2120, -3.7130,
-4.2970

250.6570, -6.4640,
-4.0000

Harmonies

Analogous

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



141.2250, -11.4730, 59.2710



128.4060, 66.3290, 80.9930



107.4210, 105.5310, 75.3790

Triad

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



128.4060, 66.3290, 80.9930



127.8940, 48.2870, -43.6250



125.6510, -120.9470, -16.2350

Complementary

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



128.4060, 66.3290, 80.9930



171.5940, -66.3290, -80.9930

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.



118.1440, -98.4310, -38.8390



128.4060, 66.3290, 80.9930



110.9740, -8.5610, -70.6490

Square

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



128.4060, 66.3290, 80.9930



130.5830, 92.6640, -16.3600



107.4910, -72.5680, -61.5280



123.5770, -126.1300, -4.8980

Rectangle

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



128.4060, 66.3290, 80.9930



118.3850, 113.2390, 45.8070



107.4910, -72.5680, -61.5280



123.7300, -114.1600, -23.6000

Sweetspot

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



128.4060, 66.3290, 80.9930



218.5430, 21.3610, 25.8810



92.7300, -31.6480, 66.9760



105.7280, 13.1100, 15.7180



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.



128.4060, 66.3290, 80.9930



111.7480, 83.7020, 102.0540



118.2600, 94.8980, 53.3140



112.6140, 4.2630, 5.3430



70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Inverse Universe

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



128.4060, 66.3290, 80.9930



111.7480, 83.7020, 102.0540



181.7400, -94.8980, -53.3140



112.6140, 4.2630, 5.3430



70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 128.4060, 66.3290, 80.9930 looks on a white background.

Color Contrast Check

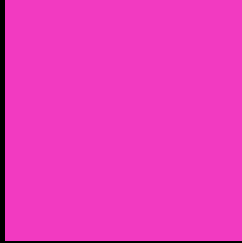
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4060, 66.3290, 80.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

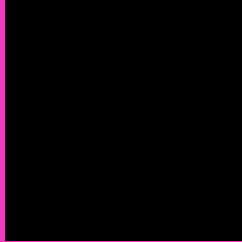
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4060, 66.3290, 80.9930

Background



This preview shows how black text looks on a background with the YIQ color 128.4060, 66.3290, 80.9930.



This preview shows how white text looks on a background with the YIQ color 128.4060, 66.3290,

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

128.4060, 66.3290, 80.9930

Protanopia

131.9360, -71.8960, 25.4480

Deuteranopia

139.7380, -19.2130, 12.2990



Tritanopia

133.7400, 83.8980, 32.3940

Trichromacy



Original Color

128.4060, 66.3290, 80.9930



Protanomaly

130.5190, -21.6490, 45.4470



Deuteranomaly

135.4300, 11.9140, 37.4020



Tritanomaly

131.5830, 77.7510, 50.1910

Monochromacy



Original Color

128.4060, 66.3290, 80.9930



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

128.6190, 24.2030, 29.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4060, 66.3290, 80.9930 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(242, 58, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 58, 193)  
}
```

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(242, 58, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 58, 193) }
```

Border

The CSS property to change the border of an element to YIQ 128.4060, 66.3290, 80.9930 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(242, 58, 193) }
```


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

```
.border{ border-color:rgb(242, 58, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 58, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 58, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 58, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 58,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4060, 66.3290, 80.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 58, 193) }
```

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

```
.background{ background-color: rgb(242, 58,  
193) }
```

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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