

Converting Colors

YIQ(125.4480, 66.5110, 88.7110)

Have a look what the booklet for
YIQ(125.4480, 66.5110, 88.7110)
contains.

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Color

**YIQ(125.4480, 66.5110,
88.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	F432CB
RGB	244, 50, 203
RGB Percent	96%, 20%, 80%
CMY	0.0426, 0.8042, 0.2038
CMYK	0.00, 0.80, 0.17, 0.04
HSL	313°, 90%, 58%
HSV	313°, 80%, 96%
XYZ	49.2786, 25.8463, 58.9147
YIQ	125.4480, 66.5110, 88.7110

Conversions

Conversions Part 2

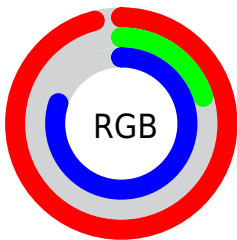
Format	Color
R_{YB}	244, 50, 203
Decimal	16003787
CIE _{Lab}	57.89, 83.18, -35.58
CIE _{LCh}	58, 90.470, 336.844
Yxy	25.8463, 0.3676, 0.1928
Android (android.graphics.Color)	4294193867 (0xFFFF432CB)
YUV	125.4480, 38.2331, 103.9701
Hunter-Lab	50.8393, 84.0514, -33.1202

Details

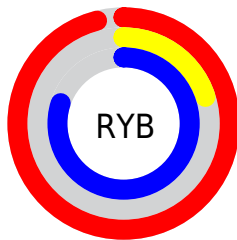
The YIQ color **125.4480, 66.5110, 88.7110** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **168.5520, -66.5110, -88.7110**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5810, 37.6750, 71.6510**, and **71.5890, 61.5600, 84.8240** is the 20% darker color. If you saturate the color by 10%, you get **110.7900, 74.7160, 99.7080**, and if you desaturate by 10%, it is **140.1060, 58.3060, 77.7140**.

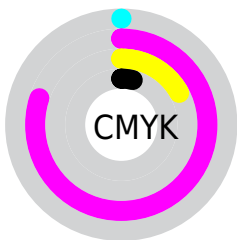
Distribution



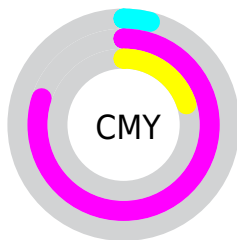
- Red (96%)
- Green (20%)
- Blue (80%)



- Red (96%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.4480, 66.5110, 88.7110 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 125.4480, 66.5110, 88.7110 by changing the saturation by 10% instead.


 125.4480, 66.5110,
88.7110


 125.4480, 66.5110,
88.7110


255.0000, -0.0000,
-0.0000


 83.9360, 71.3690,
99.7930


 174.5810, 37.6750,
71.6510


 71.5890, 61.5600,
84.8240


 192.7780, 29.1500,
55.4380


 59.9540, 52.6220,
70.5900


 210.3880, 20.9000,
39.7480

 48.1340, 42.7670,
56.4550

 227.9980, 12.6500,
24.0580

 36.7270, 33.1870,
42.8430

 246.1950, 4.1250,
7.8450

 26.0320, 24.4780,
29.9660

 14.5540, 13.6600,

16.7640

■ 0.0000, 0.0000,
0.0000

■ 125.4480, 66.5110,
88.7110

■ 125.4480, 66.5110,
88.7110

■ 110.7900, 74.7160,
99.7080

■ 140.1060, 58.3060,
77.7140

■ 95.5450, 83.1960,
111.2280

■ 155.3510, 49.8260,
66.1940

■ 94.8440, 83.7920,
111.4400

■ 170.1230, 41.3000,
55.5080

■ 185.3680, 32.8200,
43.9880

■ 200.0260, 24.6150,
32.9910

214.6840, 16.4100,
21.9940

229.9290, 7.9300,
10.4740

244.5870, -0.2750,
-0.5230

251.1410, -4.9510,
-3.8870

Harmonies

Analogous

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



138.8220, -17.7080, 56.6280



125.4480, 66.5110, 88.7110



90.4950, 111.8550, 92.9350

Triad

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



125.4480, 66.5110, 88.7110



129.1010, 52.1380, -41.8300



126.9390, -121.8180, -16.9700

Complementary

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



125.4480, 66.5110, 88.7110



168.5520, -66.5110, -88.7110

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.



118.7480, -97.3760, -41.4400



125.4480, 66.5110, 88.7110



112.1590, -7.6440, -70.7480

Square

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



125.4480, 66.5110, 88.7110



130.0400, 98.8070, -12.0490



106.8240, -69.3120, -65.4720



125.3380, -126.9550, -6.4670

Rectangle

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



125.4480, 66.5110, 88.7110



106.8730, 118.0970, 56.8890



106.8240, -69.3120, -65.4720



124.7900, -114.3890, -24.9570

Sweetspot

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



125.4480, 66.5110, 88.7110



217.7110, 20.9480, 27.8600



83.7770, -39.0300, 68.6020



105.3690, 12.7430, 16.8630



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.



125.4480, 66.5110, 88.7110



107.1320, 82.9210, 110.7050



114.6180, 97.0060, 59.1660



114.7280, 3.9420, 5.6540



72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Inverse Universe

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



125.4480, 66.5110, 88.7110



107.1320, 82.9210, 110.7050



179.3820, -97.0060, -59.1660



114.7280, 3.9420, 5.6540



72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 125.4480, 66.5110, 88.7110 looks on a white background.

Color Contrast Check

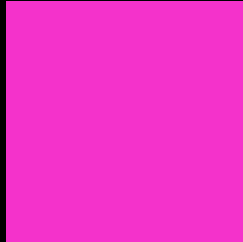
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4480, 66.5110, 88.7110 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 125.4480, 66.5110, 88.7110

Background



This preview shows how black text looks on a background with the YIQ color 125.4480, 66.5110, 88.7110.



This preview shows how white text looks on a background with the YIQ color 125.4480, 66.5110,

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

125.4480, 66.5110, 88.7110

Protanopia

132.5230, -72.1710, 24.9250

Deuteranopia

139.6710, -26.2740, 13.6140



Tritanopia

134.0390, 84.4940, 32.6060

Trichromacy



Original Color

125.4480, 66.5110, 88.7110



Protanomaly

130.1000, -21.7870, 47.9490



Deuteranomaly

134.4990, 7.4660, 40.9220



Tritanomaly

130.5770, 77.8880, 53.2160

Monochromacy



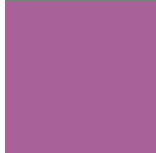
Original Color

125.4480, 66.5110, 88.7110



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.2000, 24.0650, 31.9450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4480, 66.5110, 88.7110 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(244, 50, 203)` looks like.

```
.text, #text, p{  
    color:rgb(244, 50, 203)  
}
```

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(244, 50, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 50, 203) }
```

Border

The CSS property to change the border of an element to YIQ 125.4480, 66.5110, 88.7110 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(244, 50, 203) }
```


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

```
.border{ border-color:rgb(244, 50, 203) }
```

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

Here you see how a box with a 4 pixel rgb(244, 50, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 50, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 50, 203);  
box-shadow:4px 4px 4px 4px rgb(244, 50,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4480, 66.5110, 88.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 50, 203) }
```

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

```
.background{ background-color: rgb(244, 50,  
203) }
```

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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