

Converting Colors

YIQ(88.7330, 88.0580, 100.2020)

Have a look what the booklet for
YIQ(88.7330, 88.0580, 100.2020)
contains.

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Color

**YIQ(88.7330, 88.0580,
100.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	EB00A2
RGB	235, 0, 162
RGB Percent	92%, 0%, 64%
CMY	0.0778, 0.9998, 0.3645
CMYK	0.00, 1.00, 0.31, 0.08
HSL	319°, 100%, 46%
HSV	319°, 100%, 92%
XYZ	40.8432, 20.3015, 35.9750
YIQ	88.7330, 88.0580, 100.2020

Conversions

Conversions Part 2

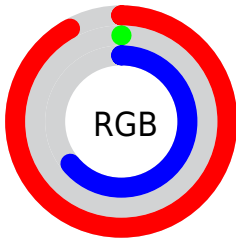
Format	Color
R_{YB}	235, 0, 162
Decimal	15401122
CIE _{Lab}	52.18, 83.45, -20.72
CIE _{LCh}	52, 85.979, 346.056
Yxy	20.3015, 0.4205, 0.2090
Android (android.graphics.Color)	4293591202 (0xFFEB00A2)
YUV	88.7330, 36.1206, 128.2762
Hunter-Lab	45.0572, 82.9557, -15.7988

Details

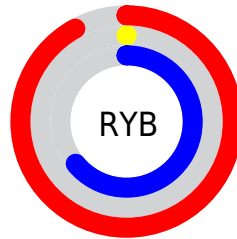
The YIQ color **88.7330, 88.0580, 100.2020** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **146.2670, -88.0580, -100.2020**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.9220, 55.6480, 70.8160**, and **64.5660, 68.3940, 71.0980** is the 20% darker color. If you saturate the color by 10%, you get **88.7330, 88.0580, 100.2020**, and if you desaturate by 10%, it is **103.6190, 79.2110, 89.8270**.

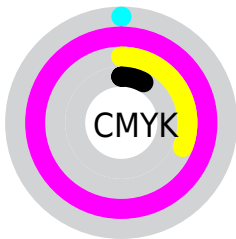
Distribution



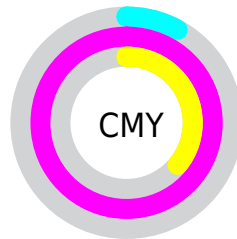
- Red (92%)
- Green (0%)
- Blue (64%)



- Red (92%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.7330, 88.0580, 100.2020 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 88.7330, 88.0580, 100.2020 by changing the saturation by 10% instead.


 88.7330, 88.0580,
100.2020


 88.7330, 88.0580,
100.2020


255.0000, -0.0000,
-0.0000


 76.5000, 77.9280,
85.5440


 157.9220, 55.6480,
70.8160


 64.5660, 68.3940,
71.0980


 180.0120, 37.5390,
63.0990

 52.8600, 58.2180,
57.2740


 198.6480, 26.4000,
50.2080

 41.1540, 48.0420,
43.4500

 216.8450, 17.8750,
33.9950

 29.9750, 37.8200,
30.4600

 234.4550, 9.6250,
18.3050

 18.4970, 27.0020,
17.2580

 252.6520, 1.1000,

 4.7840, 9.5360,

2.0920

3.3920

■ 0.0000, 0.0000,
0.0000

■ 88.7330, 88.0580,
100.2020

■ 103.6190, 79.2110,
89.8270

■ 118.0320, 70.3180,
80.2860

■ 132.9180, 61.4710,
69.9110

■ 147.2170, 52.8990,
60.0590

■ 162.2170, 43.7310,
49.9950

■ 176.5160, 35.1590,
40.1430

■ 191.4020, 26.3120,
29.7680

■ 205.8150, 17.4190,
20.2270

■ 220.7010, 8.5720,
9.8520

Harmonies

Analogous

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



124.6790, 7.9200, 65.7440



88.7330, 88.0580, 100.2020



84.5970, 119.8350, 80.4670

Triad

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



88.7330, 88.0580, 100.2020



112.4560, 31.9650, -45.1790



116.1450, -116.2260, -8.1780

Complementary

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



88.7330, 88.0580, 100.2020



146.2670, -88.0580, -100.2020

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.



109.5670, -94.9480, -30.3720



88.7330, 88.0580, 100.2020



86.2890, -40.4250, -76.8810

Square

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



88.7330, 88.0580, 100.2020



117.5040, 76.7090, -19.0590



99.6150, -69.6810, -53.2730



113.0110, -121.1800, 4.5160

Rectangle

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



88.7330, 88.0580, 100.2020



103.7130, 114.8910, 37.8910



99.6150, -69.6810, -53.2730



114.3380, -109.7600, -15.2320

Sweetspot

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



88.7330, 88.0580, 100.2020



207.6520, 28.6040, 32.2840



48.0190, -33.1190, 88.1370



99.2880, 17.4650, 19.3930



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.



88.7330, 88.0580, 100.2020



96.3090, 95.4840, 108.7960



75.6230, 124.9730, 64.4370



110.2010, 3.9880, 4.8200



68.3690, 67.7510, 77.2470



20.3640, 20.3070, 22.9550

Inverse Universe

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



88.7330, 88.0580, 100.2020



96.3090, 95.4840, 108.7960



159.3770, -124.9730, -64.4370



110.2010, 3.9880, 4.8200



68.3690, 67.7510, 77.2470



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 88.7330, 88.0580, 100.2020 looks on a white background.

Color Contrast Check

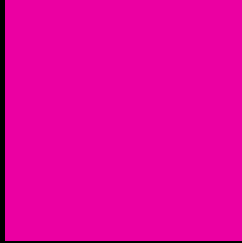
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.7330, 88.0580, 100.2020 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 88.7330, 88.0580, 100.2020

Background



This preview shows how black text looks on a background with the YIQ color 88.7330, 88.0580, 100.2020.



This preview shows how white text looks on a background with the YIQ color 88.7330, 88.0580,

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

88.7330, 88.0580, 100.2020

Protanopia

119.7640, -65.6600, 22.5640

Deuteranopia

127.0890, -7.2000, 9.3440



Tritanopia

113.6770, 97.3770, 35.9130

Trichromacy



Original Color

88.7330, 88.0580, 100.2020



Protanomaly

108.4390, -9.5000, 51.0440



Deuteranomaly

113.0900, 27.7310, 42.6030



Tritanomaly

104.7640, 93.6590, 59.2510

Monochromacy



Original Color

88.7330, 88.0580, 100.2020



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

89.1410, 31.7210, 36.3690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.7330, 88.0580, 100.2020 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(235, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 162)  
}
```

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(235, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 162) }
```

Border

The CSS property to change the border of an element to YIQ 88.7330, 88.0580, 100.2020 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(235, 0, 162) }
```


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

```
.border{ border-color:rgb(235, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 88.7330, 88.0580, 100.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 162) }
```

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

```
.background{ background-color: rgb(235, 0,  
162) }
```

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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