

Converting Colors

YIQ(93.0500, 80.2160, 110.1680)

Have a look what the booklet for
YIQ(93.0500, 80.2160, 110.1680)
contains.

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Color

**YIQ(93.0500, 80.2160,
110.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	EE00C0
RGB	238, 0, 192
RGB Percent	93%, 0%, 75%
CMY	0.0660, 0.9998, 0.2469
CMYK	0.00, 1.00, 0.19, 0.07
HSL	312°, 100%, 47%
HSV	312°, 100%, 93%
XYZ	44.8379, 22.0151, 51.7804
YIQ	93.0500, 80.2160, 110.1680

Conversions

Conversions Part 2

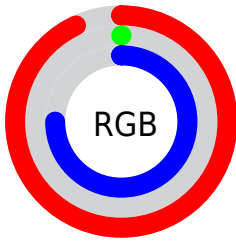
Format	Color
R_{YB}	238, 0, 192
Decimal	15597760
CIE _{Lab}	54.04, 87.32, -35.35
CIE _{LCh}	54, 94.202, 337.962
Yxy	22.0151, 0.3780, 0.1856
Android (android.graphics.Color)	4293787840 (0xFFEE00C0)
YUV	93.0500, 48.7824, 127.1211
Hunter-Lab	46.9203, 88.4674, -32.5873

Details

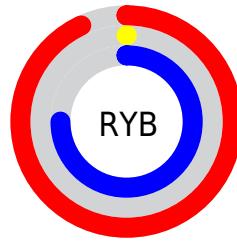
The YIQ color **93.0500, 80.2160, 110.1680** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **144.9500, -80.2160, -110.1680**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.7440, 44.8260, 79.7220**, and **68.6550, 61.1940, 80.4420** is the 20% darker color. If you saturate the color by 10%, you get **93.0500, 80.2160, 110.1680**, and if you desaturate by 10%, it is **107.7080, 72.0110, 99.1710**.

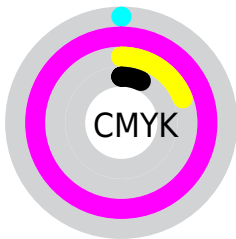
Distribution



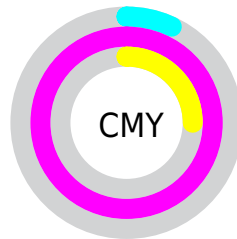
- Red (93%)
- Green (0%)
- Blue (75%)



- Red (93%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0500, 80.2160, 110.1680 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 93.0500, 80.2160, 110.1680 by changing the saturation by 10% instead.

93.0500, 80.2160,
110.1680

93.0500, 80.2160,
110.1680

255.0000, -0.0000,
-0.0000

80.7030, 70.4070,
95.1990

162.7440, 44.8260,
79.7220

68.6550, 61.1940,
80.4420

182.2120, 34.1000,
64.8520

56.7210, 51.6600,
65.9960

200.4090, 25.5750,
48.6390

45.2000, 42.4010,
52.0730

218.0190, 17.3250,
32.9490

33.7930, 32.8210,
38.4610

236.2160, 8.8000,
16.7360

22.6140, 22.5990,
25.4710

254.4130, 0.2750,

10.4240, 10.9100,

0.5230

11.5340

■ 0.0000, 0.0000,
0.0000

■ 93.0500, 80.2160,
110.1680

■ 107.7080, 72.0110,
99.1710

■ 122.2520, 64.1270,
87.8630

■ 136.9100, 55.9220,
76.8660

■ 150.9810, 47.9920,
66.3920

■ 165.5250, 40.1080,
55.0840

■ 180.1830, 31.9030,
44.0870

■ 194.7270, 24.0190,
32.7790

■ 209.3850, 15.8140,
21.7820

■ 223.4560, 7.8840,
11.3080

Harmonies

Analogous

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



129.0980, -18.3050, 61.9430



93.0500, 80.2160, 110.1680



89.0130, 116.0280, 88.8920

Triad

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



93.0500, 80.2160, 110.1680



119.3330, 45.6730, -40.3030



120.6130, -117.7840, -12.9840

Complementary

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



93.0500, 80.2160, 110.1680



144.9500, -80.2160, -110.1680

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.



112.1940, -92.7000, -38.0760



93.0500, 80.2160, 110.1680



96.7210, -23.9660, -72.3020

Square

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



93.0500, 80.2160, 110.1680



120.2830, 93.8090, -9.5750



99.8140, -63.3520, -63.3520



119.4680, -124.2050, -1.2370

Rectangle

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



93.0500, 80.2160, 110.1680



82.9710, 133.0410, 72.4090



99.8140, -63.3520, -63.3520



118.3500, -110.0340, -21.2820

Sweetspot

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



93.0500, 80.2160, 110.1680



208.6780, 25.7150, 35.0830



40.2880, -50.1740, 83.3460



99.9720, 15.5390, 21.2590



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.



93.0500, 80.2160, 110.1680



99.7290, 85.8540, 118.1260



79.7120, 117.7730, 73.7810



112.7280, 3.9420, 5.6540



71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Inverse Universe

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



93.0500, 80.2160, 110.1680



99.7290, 85.8540, 118.1260



158.2880, -117.7730, -73.7810



112.7280, 3.9420, 5.6540



71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 93.0500, 80.2160, 110.1680 looks on a white background.

Color Contrast Check

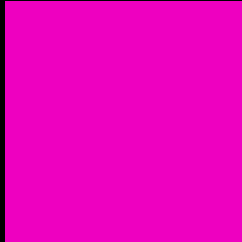
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.0500, 80.2160, 110.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

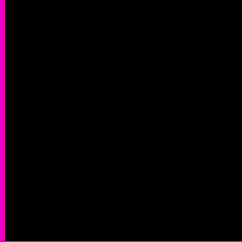
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 93.0500, 80.2160, 110.1680

Background



This preview shows how black text looks on a background with the YIQ color 93.0500, 80.2160, 110.1680.



This preview shows how white text looks on a background with the YIQ color 93.0500, 80.2160,

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

93.0500, 80.2160, 110.1680

Protanopia

119.1670, -85.7880, 23.9080

Deuteranopia

130.6280, -24.7150, 12.8930



Tritanopia

122.2030, 89.9040, 33.6800

Trichromacy



Original Color

93.0500, 80.2160, 110.1680



Protanomaly

109.8750, -25.2270, 55.2290



Deuteranomaly

116.9500, 13.7460, 48.2580



Tritanomaly

111.3380, 86.2310, 61.7110

Monochromacy



Original Color

93.0500, 80.2160, 110.1680



Achromatopsia

93.0000, -0.0000, -0.0000



Achromatomaly

92.9930, 29.3820, 40.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0500, 80.2160, 110.1680 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(238, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 0, 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(238, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 0, 192) }
```

Border

The CSS property to change the border of an element to YIQ 93.0500, 80.2160, 110.1680 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(238, 0, 192) }
```


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

```
.border{ border-color:rgb(238, 0, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 0, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 0,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0500, 80.2160, 110.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 0, 192) }
```

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

```
.background{ background-color: rgb(238, 0,  
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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