

Converting Colors

YUV(93.0500, 48.7824,
127.1211)

Have a look what the booklet for
YUV(93.0500, 48.7824, 127.1211)
contains.

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Color

**YUV(93.0500, 48.7824,
127.1211)**

Conversions

Conversions Part 1

Format	Color
Hex	EE00C0
RGB	238, 0, 192
RGB Percent	93%, 0%, 75%
CMY	0.0667, 1.0000, 0.2471
CMYK	0.00, 1.00, 0.19, 0.07
HSL	312°, 100%, 47%
HSV	312°, 100%, 93%
XYZ	44.7743, 21.9829, 51.7524
YIQ	93.0500, 80.2160, 110.1680

Conversions

Conversions Part 2

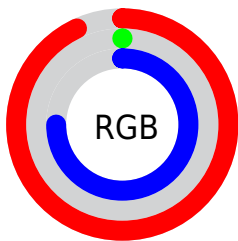
Format	Color
R_YB	238, 0, 192
Decimal	15597760
CIE _{Lab}	54.01, 87.28, -35.38
CIE _{LCh}	54, 94.180, 337.936
Yxy	21.9829, 0.3778, 0.1855
Android (android.graphics.Color)	4293787840 (0xFFEE00C0)
YUV	93.0500, 48.7824, 127.1211
Hunter-Lab	46.8859, 88.4104, -32.6238

Details

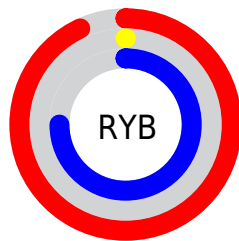
The YUV color **93.0500, 48.7824, 127.1211** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **144.9500, -48.7823, -127.1211**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7440, 42.5242, 80.9085**, and **68.6550, 34.1871, 95.0186** is the 20% darker color. If you saturate the color by 10%, you get **93.0500, 48.7824, 127.1211**, and if you desaturate by 10%, it is **107.7080, 44.0210, 114.2661**.

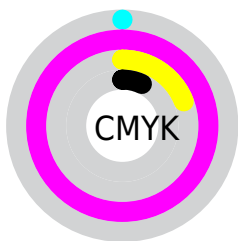
Distribution



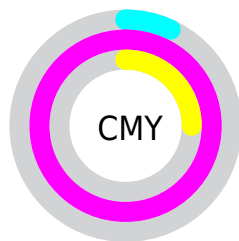
- Red (93%)
- Green (0%)
- Blue (75%)



- 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 YUV color 93.0500, 48.7824, 127.1211 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 YUV color 93.0500, 48.7824, 127.1211 by changing the saturation by 10% instead.


 93.0500, 48.7824,
127.1211


 93.0500, 48.7824,
127.1211


255.0000, 0.0000,
0.0000


 80.7030, 41.5584,
110.7625


 162.7440, 42.5242,
80.9085


 68.6550, 34.1871,
95.0186


 182.2120, 35.8845,
63.8351


 56.7210, 27.2525,
79.1747


 200.4090, 26.9134,
47.8763

 44.9010, 20.7548,
63.2308

 218.0190, 18.2316,
32.4323

 33.7930, 14.3991,
48.4165

 236.2160, 9.2605,
16.4736

 22.6140, 9.0643,
32.7875

254.4130, 0.2894,

 10.4240, 3.7350,

0.5148

15.4142

■ 0.0000, 0.0000,
0.0000

■ 93.0500, 48.7824,
127.1211

■ 107.7080, 44.0210,
114.2661

■ 122.2520, 38.8228,
101.5110

■ 136.3230, 34.3508,
89.1707

■ 150.8670, 29.1526,
76.4156

■ 165.5250, 24.3912,
63.5606

■ 180.1830, 19.6298,
50.7055

■ 194.7270, 14.4316,
37.9504

■ 208.7980, 9.9596,
25.6102

■ 223.3420, 4.7614,
12.8551

Harmonies

Analogous

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



129.0980, 62.0697, 18.3311



93.0500, 48.7824, 127.1211



89.0130, 11.3326, 145.5706

Triad

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



93.0500, 48.7824, 127.1211



119.3330, -58.8312, 16.3710



120.6130, 53.4348, -105.7776

Complementary

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



93.0500, 48.7824, 127.1211



144.9500, -48.7823, -127.1211

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, 18.6384, -98.3941



93.0500, 48.7824, 127.1211



96.7210, -47.6835, -59.3913

Square

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



93.0500, 48.7824, 127.1211



120.2830, -59.2995, 73.4198



99.8140, -18.6423, -87.5369



119.4680, 66.8173, -104.7734

Rectangle

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



93.0500, 48.7824, 127.1211



82.9710, -11.8177, 150.8694



99.8140, -18.6423, -87.5369



118.3500, 42.2255, -103.7929

Sweetspot

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



93.0500, 48.7824, 127.1211



208.6780, 15.4417, 40.6244



40.2880, 97.4720, 3.2554



99.9720, 9.3808, 24.5806



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, 48.7824, 127.1211



99.7290, 52.3916, 136.1727



79.7120, -2.3230, 138.8186



112.7280, 2.5991, 6.3775



71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Inverse Universe

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



93.0500, 48.7824, 127.1211



99.7290, 52.3916, 136.1727



158.2880, 2.3230, -138.8186



112.7280, 2.5991, 6.3775



71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 93.0500, 48.7824, 127.1211 looks on a white background.

Color Contrast Check

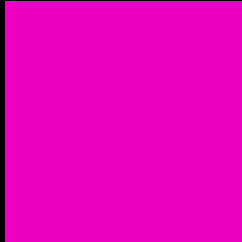
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 93.0500, 48.7824, 127.1211 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](#).

YUV 93.0500, 48.7824, 127.1211

Background



This preview shows how black text looks on a background with the YUV color 93.0500, 48.7824, 127.1211.

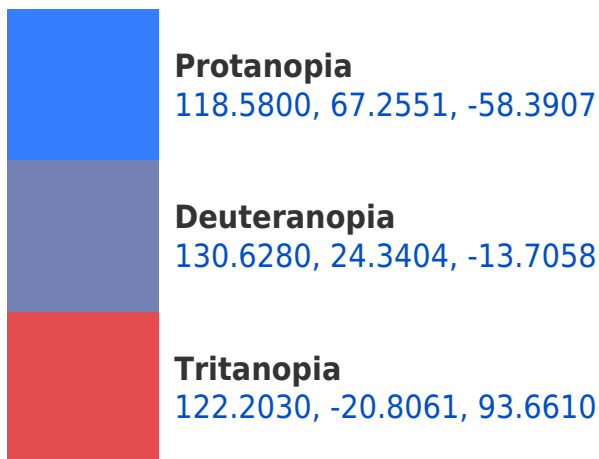


This preview shows how white text looks on a background with the YUV color 93.0500, 48.7824,

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



Trichromacy



Protanomaly

109.2880, 60.4970, 9.3944

Deuteranomaly

116.9500, 33.0557, 37.7549

Tritanomaly

111.3380, 4.7634, 105.8206

Monochromacy



Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9930, 17.7515, 46.4871

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0500, 48.7824, 127.1211 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 YUV 93.0500, 48.7824, 127.1211 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 YUV 93.0500, 48.7824, 127.1211 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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