

Converting Colors

YUV(127.3050, 41.7546,
94.4485)

Have a look what the booklet for
YUV(127.3050, 41.7546, 94.4485)
contains.

YUV(127.3050, 41.7546, 94.4485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.3050, 41.7546,
94.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	EB38D4
RGB	235, 56, 212
RGB Percent	92%, 22%, 83%
CMY	0.0784, 0.7804, 0.1686
CMYK	0.00, 0.76, 0.10, 0.08
HSL	308°, 82%, 57%
HSV	308°, 76%, 92%
XYZ	47.5588, 25.2440, 64.6533
YIQ	127.3050, 56.6080, 86.4640

Conversions

Conversions Part 2

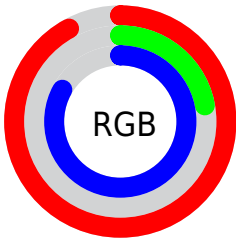
Format	Color
R _{YB}	235, 56, 212
Decimal	15415508
CIE _{Lab}	57.31, 80.95, -41.70
CIE _{LCh}	57, 91.057, 332.744
Y _{xy}	25.2440, 0.3460, 0.1837
Android (android.graphics.Color)	4293605588 (0xFFEB38D4)
YUV	127.3050, 41.7546, 94.4485
Hunter-Lab	50.2434, 81.0365, -41.1241

Details

The YUV color **127.3050, 41.7546, 94.4485** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **163.6950, -41.7546, -94.4485**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3420, 38.7784, 68.9831**, and **70.2230, 42.7811, 91.8894** is the 20% darker color. If you saturate the color by 10%, you get **113.4620, 47.1002, 106.5888**, and if you desaturate by 10%, it is **141.1480, 36.4090, 82.3082**.

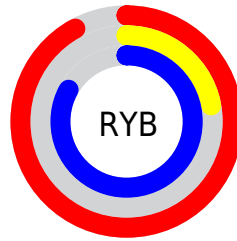
Distribution



Red (92%)

Green (22%)

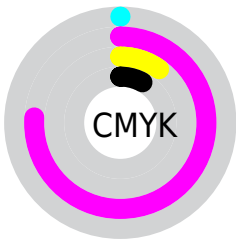
Blue (83%)



Red (92%)

Yellow (22%)

Blue (83%)

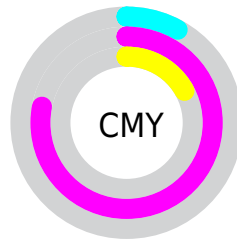


Cyan (0%)

Magenta (76%)

Yellow (10%)

Black (8%)



Cyan (8%)


Magenta (78%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.3050, 41.7546, 94.4485 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 127.3050, 41.7546, 94.4485 by changing the saturation by 10% instead.


 127.3050, 41.7546,
94.4485


 127.3050, 41.7546,
94.4485


255.0000, 0.0000,
0.0000


 82.2710, 50.1524,
107.6333


 176.3420, 38.7784,
68.9831


 70.2230, 42.7811,
91.8894


 193.9520, 30.0967,
53.5391

 58.4740, 35.2623,
76.7603


 211.5620, 21.4149,
38.0951

 46.9530, 28.6172,
61.4312

 229.1720, 12.7332,
22.6512

 35.4320, 21.9720,
46.1021

 247.3690, 3.7621,
6.6924

 24.6230, 15.4689,
31.9026

 13.1450, 10.2815,

15.6588

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 127.3050, 41.7546,
94.4485

■ 127.3050, 41.7546,
94.4485

■ 113.4620, 47.1002,
106.5888

■ 141.1480, 36.4090,
82.3082

■ 99.0320, 52.7352,
119.2439

■ 155.5780, 30.7740,
69.6531

■ 93.6350, 54.9029,
123.9771

■ 169.4210, 25.4284,
57.5128

■ 183.8510, 19.7935,
44.8577

■ 198.2810, 14.1585,
32.2026

■ 212.1240, 8.8129,
20.0623

■ 226.5540, 3.1779,
7.4071

■ 240.3970, -2.1677,
-4.7332

■ 247.1960, -4.0406,
-10.6959

Harmonies

Analogous

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



135.4780, 58.9243, 0.4578



127.3050, 41.7546, 94.4485



91.5210, 20.9421, 143.3711

Triad

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



127.3050, 41.7546, 94.4485



128.5580, -63.3791, 28.4516



125.0980, 47.7727, -109.7109

Complementary

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



127.3050, 41.7546, 94.4485



163.6950, -41.7546, -94.4485

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.



116.0920, 13.2656, -101.8127



127.3050, 41.7546, 94.4485



113.9970, -56.2005, -34.2004

Square

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



127.3050, 41.7546, 94.4485



126.8390, -62.5316, 83.4562



103.9400, -23.1414, -91.1554



125.3380, 63.9234, -109.9214

Rectangle

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



127.3050, 41.7546, 94.4485



96.7460, -7.2698, 138.7888



103.9400, -23.1414, -91.1554



122.8350, 36.5633, -107.7263

Sweetspot

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



127.3050, 41.7546, 94.4485



219.4550, 13.5797, 31.1730



82.6850, 75.0913, -4.9857



106.2980, 8.2341, 19.0327



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.



127.3050, 41.7546, 94.4485



115.3960, 54.0348, 122.4327



117.3870, 3.7532, 103.1466



110.4290, 2.7465, 5.7628



72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Inverse Universe

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



127.3050, 41.7546, 94.4485



115.3960, 54.0348, 122.4327



173.6130, -3.7532, -103.1466



110.4290, 2.7465, 5.7628



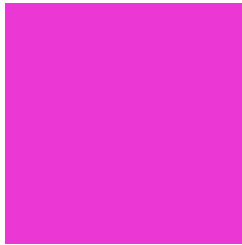
72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 127.3050, 41.7546, 94.4485 looks on a white background.

Color Contrast Check

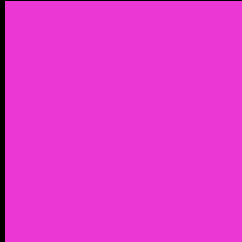
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3050, 41.7546, 94.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

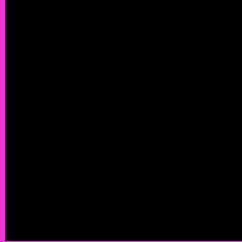
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3050, 41.7546, 94.4485

Background



This preview shows how black text looks on a background with the YUV color 127.3050, 41.7546, 94.4485.



This preview shows how white text looks on a background with the YUV color 127.3050, 41.7546, 94.4485.

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

127.3050, 41.7546, 94.4485

Protanopia

130.1530, 61.5496, -48.3692

Deuteranopia

136.8210, 31.6402, -21.7680



Tritanopia

134.9560, -16.2473, 78.0916

Trichromacy



Original Color

127.3050, 41.7546, 94.4485



Protanomaly

129.2350, 54.1141, 3.3019



Deuteranomaly

133.7090, 35.1465, 20.4262



Tritanomaly

131.9070, 4.9758, 84.2736

Monochromacy



Original Color

127.3050, 41.7546, 94.4485



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.9330, 15.3160, 34.2618

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3050, 41.7546, 94.4485 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, 56, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 56, 212)  
}
```

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, 56, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 56, 212) }
```

Border

The CSS property to change the border of an element to YUV 127.3050, 41.7546, 94.4485 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, 56, 212) }
```


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

```
.border{ border-color:rgb(235, 56, 212) }
```

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

Here you see how a box with a 4 pixel rgb(235, 56, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 56, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 56, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 56,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 127.3050, 41.7546, 94.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 56, 212) }
```

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

```
.background{ background-color: rgb(235, 56,  
212) }
```

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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