

Converting Colors

YUV(117.5560, 61.3509,
109.1374)

Have a look what the booklet for
YUV(117.5560, 61.3509, 109.1374)
contains.

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Color

**YUV(117.5560, 61.3509,
109.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	F21EF2
RGB	242, 30, 242
RGB Percent	95%, 12%, 95%
CMY	0.0510, 0.8824, 0.0510
CMYK	0.00, 0.88, 0.00, 0.05
HSL	300°, 89%, 53%
HSV	300°, 88%, 95%
XYZ	53.1092, 26.2166, 86.2655
YIQ	117.5560, 58.3000, 110.8760

Conversions

Conversions Part 2

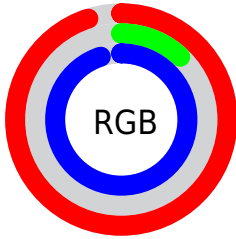
Format	Color
R _Y B	242, 30, 242
Decimal	15867634
CIE Lab	58.24, 91.82, -57.06
CIE LCh	58, 108.103, 328.141
Yxy	26.2166, 0.3207, 0.1583
Android (android.graphics.Color)	4294057714 (0xFFFF21EF2)
YUV	117.5560, 61.3509, 109.1374
Hunter-Lab	51.2021, 95.5447, -64.0505

Details

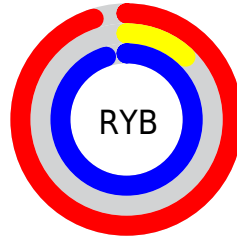
The YUV color **117.5560, 61.3509, 109.1374** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **154.4440, -61.3509, -109.1374**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **75.2090, 54.1270, 92.7787** is the 20% darker color. If you saturate the color by 10%, you get **103.4680, 68.2963, 121.4926**, and if you desaturate by 10%, it is **131.6440, 54.4055, 96.7822**.

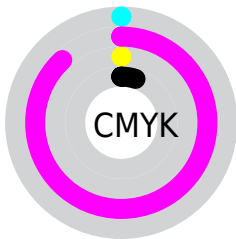
Distribution



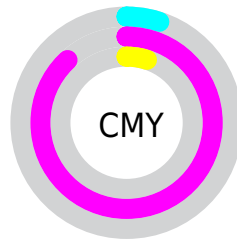
- Red (95%)
- Green (12%)
- Blue (95%)



- Red (95%)
- Yellow (12%)
- Blue (95%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (88%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.5560, 61.3509, 109.1374 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 117.5560, 61.3509, 109.1374 by changing the saturation by 10% instead.


 117.5560, 61.3509,
109.1374


 117.5560, 61.3509,
109.1374


255.0000, 0.0000,
0.0000


 87.3710, 61.9351,
108.4226


 169.8850, 41.9617,
74.6459


 75.2090, 54.1270,
92.7787


 188.6690, 32.7012,
58.1723

 63.0470, 46.3188,
77.1348


 206.2790, 24.0195,
42.7283

 51.1130, 39.3843,
61.2909

 224.4760, 15.0483,
26.7695

 39.4780, 32.3023,
46.0618

 242.6730, 6.0772,
10.8108

 28.2560, 25.5098,
31.3475

 15.9520, 19.7437,

14.0741

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 117.5560, 61.3509,
109.1374

■ 117.5560, 61.3509,
109.1374

■ 103.4680, 68.2963,
121.4926

■ 131.6440, 54.4055,
96.7822

■ 99.9460, 70.0326,
124.5814

■ 145.7320, 47.4601,
84.4270

■ 160.4070, 40.2253,
71.5571

■ 174.4950, 33.2800,
59.2019

■ 188.5830, 26.3346,
46.8467

■ 202.6710, 19.3892,
34.4915

■ 216.7590, 12.4438,
22.1364

■ 231.4340, 5.2090,
9.2664

■ 245.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



124.3600, 64.4055, -31.0107



117.5560, 61.3509, 109.1374



93.3450, 27.9309, 141.7714

Triad

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



117.5560, 61.3509, 109.1374



131.5700, -64.8640, 38.0881



129.8910, 48.3677, -113.9144

Complementary

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



117.5560, 61.3509, 109.1374



154.4440, -61.3509, -109.1374

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.



118.2460, 6.2877, -103.7017



117.5560, 61.3509, 109.1374



116.3560, -57.3635, -34.5152

Square

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



117.5560, 61.3509, 109.1374



124.9110, -61.5811, 105.3181



101.5170, -45.1179, -89.0304



130.6210, 61.3188, -114.5546

Rectangle

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



117.5560, 61.3509, 109.1374



86.3910, 1.2862, 147.8701



101.5170, -45.1179, -89.0304



126.3570, 34.8270, -110.8151

Sweetspot

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



117.5560, 61.3509, 109.1374



216.2580, 19.0998, 33.9767



54.1680, 92.6012, -21.1953



104.5200, 11.5756, 20.5920



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.



117.5560, 61.3509, 109.1374



105.3150, 73.7947, 131.2737



105.4720, 15.0503, 119.7351



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Inverse Universe

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



117.5560, 61.3509, 109.1374



105.3150, 73.7947, 131.2737



166.5280, -15.0503, -119.7351



112.9560, 3.4727, 6.1776



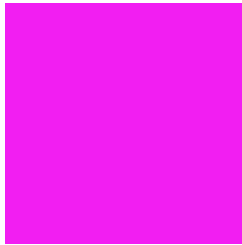
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 117.5560, 61.3509, 109.1374 looks on a white background.

Color Contrast Check

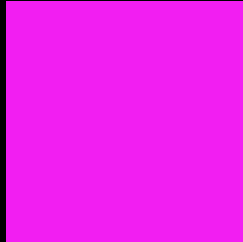
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5560, 61.3509, 109.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

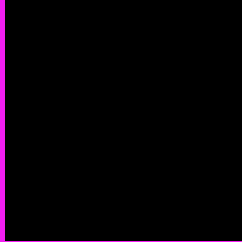
Any Text WCAG AA ✓ Pass

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 117.5560, 61.3509, 109.1374 Background



This preview shows how black text looks on a background with the YUV color 117.5560, 61.3509, 109.1374.



This preview shows how white text looks on a background with the YUV color 117.5560, 61.3509, 109.1374.

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

117.5560, 61.3509, 109.1374

Protanopia

133.1100, 60.0918, -47.4545

Deuteranopia

134.7720, 45.9614, -41.8960



Tritanopia

137.2550, -16.3947, 78.7064

Trichromacy



Original Color

117.5560, 61.3509, 109.1374



Protanomaly

127.2880, 60.4970, 9.3944



Deuteranomaly

128.6060, 51.4662, 12.6235



Tritanomaly

129.7750, 11.9429, 89.6513

Monochromacy



Original Color

117.5560, 61.3509, 109.1374



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.8010, 22.2831, 39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5560, 61.3509, 109.1374 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(242, 30, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 30, 242)  
}
```

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(242, 30, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 30, 242) }
```

Border

The CSS property to change the border of an element to YUV 117.5560, 61.3509, 109.1374 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(242, 30, 242) }
```


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

```
.border{ border-color:rgb(242, 30, 242) }
```

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

Here you see how a box with a 4 pixel rgb(242, 30, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 30, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 30, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 30,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 117.5560, 61.3509, 109.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 30, 242) }
```

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

```
.background{ background-color: rgb(242, 30,  
242) }
```

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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