

Converting Colors

YUV(114.8370, 65.1564,
101.8750)

Have a look what the booklet for
YUV(114.8370, 65.1564, 101.8750)
contains.

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Color

**YUV(114.8370, 65.1564,
101.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	E71EF7
RGB	231, 30, 247
RGB Percent	91%, 12%, 97%
CMY	0.0941, 0.8824, 0.0314
CMYK	0.06, 0.88, 0.00, 0.03
HSL	296°, 93%, 54%
HSV	296°, 88%, 97%
XYZ	50.2078, 24.6329, 90.1041
YIQ	114.8370, 50.1390, 110.0990

Conversions

Conversions Part 2

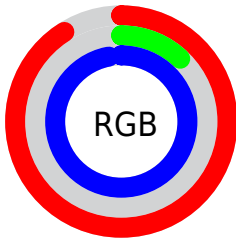
Format	Color
R _{YB}	231, 30, 247
Decimal	15146743
CIE _{Lab}	56.72, 90.75, -62.40
CIE _{LCh}	57, 110.135, 325.490
Y _{xy}	24.6329, 0.3044, 0.1493
Android (android.graphics.Color)	4293336823 (0xFFE71EF7)
YUV	114.8370, 65.1564, 101.8750
Hunter-Lab	49.6315, 93.7174, -72.8966

Details

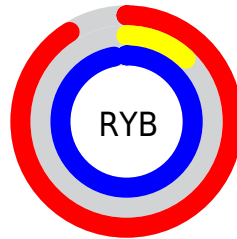
The YUV color **114.8370, 65.1564, 101.8750** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **162.1630, -65.1564, -101.8750**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 42.5405, 75.6755**, and **72.4900, 57.9324, 85.5163** is the 20% darker color. If you saturate the color by 10%, you get **99.5640, 72.6859, 113.5154**, and if you desaturate by 10%, it is **130.1100, 57.6268, 90.2345**.

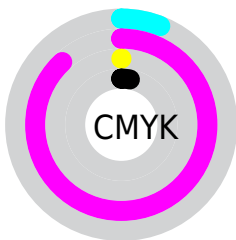
Distribution



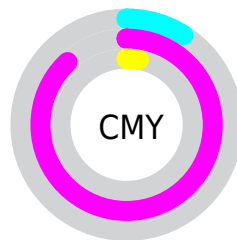
- Red (91%)
- Green (12%)
- Blue (97%)



- Red (91%)
- Yellow (12%)
- Blue (97%)



- Cyan (6%)
- Magenta (88%)
- Yellow (0%)
- Black (3%)





- Cyan (9%)
- Magenta (88%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.8370, 65.1564, 101.8750 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 114.8370, 65.1564, 101.8750 by changing the saturation by 10% instead.


 114.8370, 65.1564,
101.8750


 114.8370, 65.1564,
101.8750


255.0000, 0.0000,
0.0000


 84.6520, 65.7406,
101.1602


 168.7110, 42.5405,
75.6755


 72.4900, 57.9324,
85.5163


 187.4950, 33.2800,
59.2019

 60.3280, 50.1243,
69.8723


 205.1050, 24.5982,
43.7579

 48.5790, 42.6056,
54.7432

 223.3020, 15.6271,
27.7991

 36.6450, 35.6710,
38.8993

 241.4990, 6.6560,
11.8404

 25.3090, 28.4417,
24.2850

 12.1080, 23.1178,

5.1673

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 114.8370, 65.1564,
101.8750

■ 114.8370, 65.1564,
101.8750

■ 99.5640, 72.6859,
113.5154

■ 130.1100, 57.6268,
90.2345

■ 96.6290, 74.1329,
116.0894

■ 144.7960, 50.3866,
79.1089

■ 159.7700, 43.0044,
66.8537

■ 175.0430, 35.4748,
55.2133

190.3160, 27.9452,
43.5729

205.0020, 20.7050,
32.4472

220.2750, 13.1754,
20.8068

235.5480, 5.6458,
9.1664

249.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



104.9140, 73.9924, -72.7156



114.8370, 65.1564, 101.8750



93.9150, 30.1149, 141.2715

Triad

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



114.8370, 65.1564, 101.8750



128.3580, -63.2805, 43.5360



126.2890, 44.7205, -110.7555

Complementary

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



114.8370, 65.1564, 101.8750



162.1630, -65.1564, -101.8750

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.



113.8290, 2.0563, -99.8280



114.8370, 65.1564, 101.8750



114.9160, -56.6536, -28.8673

Square

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



114.8370, 65.1564, 101.8750



117.8780, -58.1139, 113.2400



97.4420, -48.0389, -85.4566



128.8600, 62.1870, -113.0102

Rectangle

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



114.8370, 65.1564, 101.8750



86.7330, 2.5966, 147.5702



97.4420, -48.0389, -85.4566



122.6410, 30.7430, -107.5562

Sweetspot

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



114.8370, 65.1564, 101.8750



214.7630, 19.8368, 30.9028



65.3040, 89.5761, -30.9616



103.6230, 12.0179, 18.7476



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.



114.8370, 65.1564, 101.8750



99.6340, 76.5954, 119.5930



109.3610, 23.4860, 120.7094



114.6570, 3.6201, 5.5628



72.6320, 55.8904, 87.1457



22.8720, 17.8111, 27.2993

Inverse Universe

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



96.7070, -24.9986, 131.8070



78.4110, -29.2896, 154.8686



167.6390, -23.4860, -120.7094



113.7020, -1.3321, 7.2773



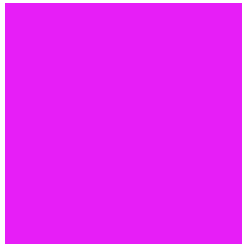
57.2100, -21.3025, 112.9488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 114.8370, 65.1564, 101.8750 looks on a white background.

Color Contrast Check

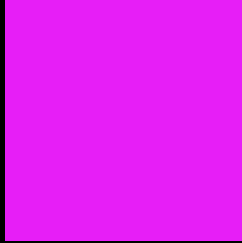
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8370, 65.1564, 101.8750 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 114.8370, 65.1564, 101.8750 Background



This preview shows how black text looks on a background with the YUV color 114.8370, 65.1564, 101.8750.



This preview shows how white text looks on a background with the YUV color 114.8370, 65.1564,

101.8750.

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

114.8370, 65.1564, 101.8750

Protanopia

127.7720, 62.7234, -51.5430

Deuteranopia

127.0030, 52.2565, -54.3766



Tritanopia

134.8840, -13.7468, 69.3847

Trichromacy



Original Color

114.8370, 65.1564, 101.8750



Protanomaly

123.3520, 63.4235, 4.0763



Deuteranomaly

122.6200, 56.8823, 2.0873



Tritanomaly

127.8170, 14.8802, 80.8445

Monochromacy



Original Color

114.8370, 65.1564, 101.8750



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.8330, 23.7463, 36.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8370, 65.1564, 101.8750 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(231, 30, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 30, 247)  
}
```

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(231, 30, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 30, 247) }
```

Border

The CSS property to change the border of an element to YUV 114.8370, 65.1564, 101.8750 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(231, 30, 247) }
```


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

```
.border{ border-color:rgb(231, 30, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 30, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 30, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 30, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 30,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 114.8370, 65.1564, 101.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 30, 247) }
```

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

```
.background{ background-color: rgb(231, 30,  
247) }
```

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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