

Converting Colors

YUV(101.1640, 45.7681,
113.8662)

Have a look what the booklet for
YUV(101.1640, 45.7681, 113.8662)
contains.

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Color

**YUV(101.1640, 45.7681,
113.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	E711C2
RGB	231, 17, 194
RGB Percent	91%, 7%, 76%
CMY	0.0941, 0.9333, 0.2392
CMYK	0.00, 0.93, 0.16, 0.09
HSL	310°, 86%, 49%
HSV	310°, 93%, 91%
XYZ	42.8931, 21.2849, 52.8866
YIQ	101.1640, 70.7270, 100.4150

Conversions

Conversions Part 2

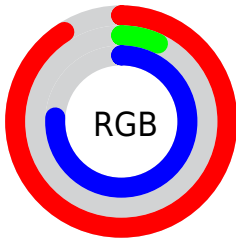
Format	Color
R _Y B	231, 17, 194
Decimal	15143362
CIE _{Lab}	53.26, 84.98, -37.80
CIE _{LCh}	53, 93.012, 336.021
Y _{xy}	21.2849, 0.3664, 0.1818
Android (android.graphics.Color)	4293333442 (0xFFE711C2)
YUV	101.1640, 45.7681, 113.8662
Hunter-Lab	46.1355, 85.2176, -35.6711

Details

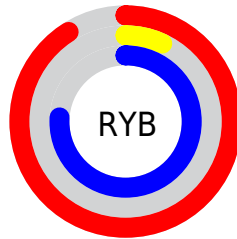
The YUV color **101.1640, 45.7681, 113.8662** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **146.8360, -45.7681, -113.8662**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1460, 42.8190, 79.6790**, and **66.7900, 36.0925, 90.5152** is the 20% darker color. If you saturate the color by 10%, you get **90.8430, 49.3774, 122.9177**, and if you desaturate by 10%, it is **115.1210, 40.8593, 101.6259**.

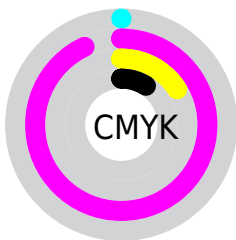
Distribution



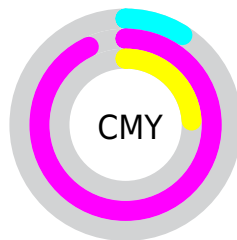
- Red (91%)
- Green (7%)
- Blue (76%)



- Red (91%)
- Yellow (7%)
- Blue (76%)



- Cyan (0%)
- Magenta (93%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.1640, 45.7681, 113.8662 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 101.1640, 45.7681, 113.8662 by changing the saturation by 10% instead.


 101.1640, 45.7681,
113.8662


 101.1640, 45.7681,
113.8662


255.0000, 0.0000,
0.0000


 79.1370, 43.3165,
106.8739


 164.1460, 42.8190,
79.6790


 66.7900, 36.0925,
90.5152


 183.3860, 35.3057,
62.8055

 55.1550, 29.0106,
75.2861


 200.9960, 26.6240,
47.3615

 43.6340, 22.3654,
59.9570

 218.6060, 17.9422,
31.9175

 32.2270, 16.1571,
44.5279

 236.8030, 8.9711,
15.9588

 20.9340, 10.3855,
28.9989

 8.2600, 5.7878,

10.2960

■ 0.0000, 0.0000,
0.0000

■ 101.1640, 45.7681,
113.8662

■ 101.1640, 45.7681,
113.8662

■ 90.8430, 49.3774,
122.9177

■ 115.1210, 40.8593,
101.6259

■ 129.0780, 35.9505,
89.3856

■ 143.0350, 31.0417,
77.1453

■ 156.9920, 26.1329,
64.9050

■ 170.9490, 21.2241,
52.6647

■ 185.4930, 16.0260,
39.9096

■ 199.4500, 11.1172,
27.6694

■ 213.4070, 6.2083,
15.4291

■ 227.3640, 1.2995,
3.1888

Harmonies

Analogous

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



126.9830, 63.1124, 10.5389



101.1640, 45.7681, 113.8662



89.3550, 12.6430, 145.2707

Triad

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



101.1640, 45.7681, 113.8662



118.4690, -58.4052, 19.7597



118.5270, 50.5192, -103.9482

Complementary

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



101.1640, 45.7681, 113.8662



146.8360, -45.7681, -113.8662

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.



109.5210, 16.0121, -96.0499



101.1640, 45.7681, 113.8662



99.1460, -48.8790, -49.2400

Square

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



101.1640, 45.7681, 113.8662



118.2340, -58.2894, 76.0938



97.9560, -20.6843, -85.9074



118.8810, 67.1067, -104.2586

Rectangle

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



101.1640, 45.7681, 113.8662



83.4270, -10.0705, 150.4695



97.9560, -20.6843, -85.9074



116.2640, 39.3098, -101.9635

Sweetspot

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



101.1640, 45.7681, 113.8662



211.9550, 15.3052, 37.7505



52.1600, 88.1681, 0.7367



101.2600, 9.2388, 23.4510



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.



101.1640, 45.7681, 113.8662



100.2990, 54.5756, 135.6728



89.0800, -0.5324, 124.4638



107.7280, 2.5991, 6.3775



70.3930, 38.2603, 95.2483



20.0370, 10.8278, 27.1546

Inverse Universe

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



101.1640, 45.7681, 113.8662



100.2990, 54.5756, 135.6728



158.9200, 0.5324, -124.4638



107.7280, 2.5991, 6.3775



70.3930, 38.2603, 95.2483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 101.1640, 45.7681, 113.8662 looks on a white background.

Color Contrast Check

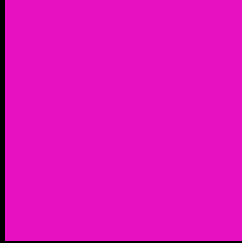
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1640, 45.7681, 113.8662 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 101.1640, 45.7681, 113.8662 Background



This preview shows how black text looks on a background with the YUV color 101.1640, 45.7681, 113.8662.



This preview shows how white text looks on a background with the YUV color 101.1640, 45.7681, 113.8662.

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

101.1640, 45.7681, 113.8662

Protanopia

113.8180, 69.6027, -64.7384

Deuteranopia

127.5890, 26.8246, -17.1796



Tritanopia

120.6260, -19.0426, 88.0280

Trichromacy



Original Color

101.1640, 45.7681, 113.8662



Protanomaly

109.0480, 61.1083, -0.0421



Deuteranomaly

118.0200, 33.5141, 30.6775



Tritanomaly

113.5820, 4.6431, 97.7136

Monochromacy



Original Color

101.1640, 45.7681, 113.8662



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.7320, 16.8941, 41.4540

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1640, 45.7681, 113.8662 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, 17, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 17, 194)  
}
```

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, 17, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 17, 194) }
```

Border

The CSS property to change the border of an element to YUV 101.1640, 45.7681, 113.8662 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, 17, 194) }
```


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

```
.border{ border-color:rgb(231, 17, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 17, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 17, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 17, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 17,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 101.1640, 45.7681, 113.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 17, 194) }
```

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

```
.background{ background-color: rgb(231, 17,  
194) }
```

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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