

Converting Colors

YUV(150.4720, 41.6723,
74.1311)

Have a look what the booklet for
YUV(150.4720, 41.6723, 74.1311)
contains.

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Color

**YUV(150.4720, 41.6723,
74.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5BEB
RGB	235, 91, 235
RGB Percent	92%, 36%, 92%
CMY	0.0784, 0.6431, 0.0784
CMYK	0.00, 0.61, 0.00, 0.08
HSL	300°, 78%, 64%
HSV	300°, 61%, 92%
XYZ	52.9974, 31.1425, 81.8151
YIQ	150.4720, 39.6000, 75.3120

Conversions

Conversions Part 2

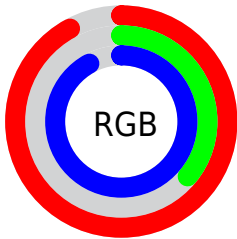
Format	Color
R _Y B	235, 91, 235
Decimal	15424491
CIE Lab	62.63, 72.62, -46.26
CIE LCh	63, 86.106, 327.504
Yxy	31.1425, 0.3193, 0.1877
Android (android.graphics.Color)	4293614571 (0xFFEB5BEB)
YUV	150.4720, 41.6723, 74.1311
Hunter-Lab	55.8055, 71.8586, -47.8599

Details

The YUV color **150.4720, 41.6723, 74.1311** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **175.5280, -41.6723, -74.1311**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7780, 30.6754, 54.5687**, and **84.1830, 46.7448, 80.5235** is the 20% darker color. If you saturate the color by 10%, you get **136.9710, 48.3283, 85.9714**, and if you desaturate by 10%, it is **164.5600, 34.7269, 61.7759**.

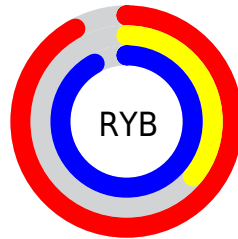
Distribution



Red (92%)

Green (36%)

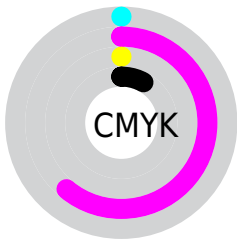
Blue (92%)



Red (92%)

Yellow (36%)

Blue (92%)

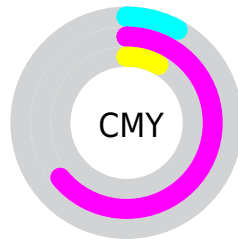


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (64%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.4720, 41.6723, 74.1311 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 150.4720, 41.6723, 74.1311 by changing the saturation by 10% instead.


 150.4720, 41.6723,
74.1311


 150.4720, 41.6723,
74.1311


255.0000, 0.0000,
0.0000


 119.9990, 42.3985,
74.5459


 192.7780, 30.6754,
54.5687


 84.1830, 46.7448,
80.5235


 209.8010, 22.2831,
39.6395


 61.1670, 44.2877,
75.2755

 227.4110, 13.6014,
24.1956

 49.5320, 37.2057,
60.0464

 244.4340, 5.2090,
9.2664

 38.1960, 29.9764,
45.4321

 27.6860, 23.3258,
31.8474

 16.2790, 17.1175,

16.4183

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 150.4720, 41.6723,
74.1311

■ 150.4720, 41.6723,
74.1311

■ 136.9710, 48.3283,
85.9714

■ 164.5600, 34.7269,
61.7759

■ 122.8830, 55.2737,
98.3266

■ 178.0610, 28.0709,
49.9355


■ 109.3820, 61.9297,
110.1670

■ 192.1490, 21.1255,
37.5803

■ 97.0550, 68.0069,
120.9778

■ 205.6500, 14.4695,
25.7399

 219.7380, 7.5242,
13.3848

 233.2390, 0.8682,
1.5444

 246.7400, -5.7878,
-10.2960

Harmonies

Analogous

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



145.7010, 53.8844, -16.4008



150.4720, 41.6723, 74.1311



125.1230, 17.6874, 113.9021

Triad

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



150.4720, 41.6723, 74.1311



141.9140, -69.9636, 40.4174



133.2020, 43.2844, -116.8182

Complementary

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



150.4720, 41.6723, 74.1311



175.5280, -41.6723, -74.1311

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.



124.3100, 9.2142, -109.0199



150.4720, 41.6723, 74.1311



132.1150, -65.1327, -15.8869

Square

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



150.4720, 41.6723, 74.1311



139.5860, -68.8159, 92.4481



112.0270, -25.1563, -98.2477



134.1430, 59.5825, -117.6434

Rectangle

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



150.4720, 41.6723, 74.1311



122.9450, -5.8889, 115.8122



112.0270, -25.1563, -98.2477



130.9390, 32.0751, -114.8335

Sweetspot

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



150.4720, 41.6723, 74.1311



227.9980, 13.3120, 23.6808



107.4160, 62.8989, -14.3968



110.9770, 8.3923, 14.9292



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.



150.4720, 41.6723, 74.1311



144.0570, 54.6949, 97.2970



142.2640, 10.2228, 81.3295



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



150.4720, 41.6723, 74.1311



144.0570, 54.6949, 97.2970



183.7360, -10.2228, -81.3295



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 150.4720, 41.6723, 74.1311 looks on a white background.

Color Contrast Check

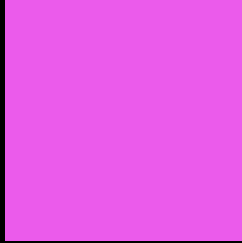
Large Text (above 18pt) WCAG AA × Fail

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 150.4720, 41.6723, 74.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

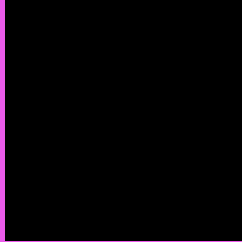
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.4720, 41.6723, 74.1311

Background



This preview shows how black text looks on a background with the YUV color 150.4720, 41.6723, 74.1311.



This preview shows how white text looks on a background with the YUV color 150.4720, 41.6723, 74.1311.

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

150.4720, 41.6723, 74.1311

Protanopia

147.6400, 52.9285, -36.5183

Deuteranopia

149.8680, 37.0401, -27.0712



Tritanopia

152.5240, -11.1043, 61.8075

Trichromacy



Original Color

150.4720, 41.6723, 74.1311



Protanomaly

148.5680, 49.0200, 3.8869



Deuteranomaly

149.9680, 38.9628, 9.6751



Tritanomaly

151.5950, 8.0877, 66.1302

Monochromacy



Original Color

150.4720, 41.6723, 74.1311



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.4760, 15.0483, 26.7695

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4720, 41.6723, 74.1311 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, 91, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 91, 235)  
}
```

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, 91, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 91, 235) }
```

Border

The CSS property to change the border of an element to YUV 150.4720, 41.6723, 74.1311 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, 91, 235) }
```


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

```
.border{ border-color:rgb(235, 91, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 91, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 91, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 91, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 91,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 150.4720, 41.6723, 74.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 91, 235) }
```

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

```
.background{ background-color: rgb(235, 91,  
235) }
```

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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