

Converting Colors

YUV(144.6520, 38.6256,
71.3422)

Have a look what the booklet for
YUV(144.6520, 38.6256, 71.3422)
contains.

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Color

**YUV(144.6520, 38.6256,
71.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	E258DF
RGB	226, 88, 223
RGB Percent	89%, 35%, 87%
CMY	0.1137, 0.6549, 0.1255
CMYK	0.00, 0.61, 0.01, 0.11
HSL	301°, 70%, 62%
HSV	301°, 61%, 89%
XYZ	48.1730, 28.4759, 72.7694
YIQ	144.6520, 38.9130, 71.2410

Conversions

Conversions Part 2

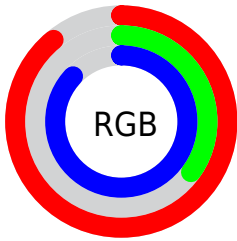
Format	Color
R _{YB}	226, 88, 223
Decimal	14833887
CIE _{Lab}	60.32, 69.70, -43.28
CIE _{LCh}	60, 82.045, 328.161
Yxy	28.4759, 0.3224, 0.1906
Android (android.graphics.Color)	4293023967 (0xFFE258DF)
YUV	144.6520, 38.6256, 71.3422
Hunter-Lab	53.3628, 67.7551, -43.4982

Details

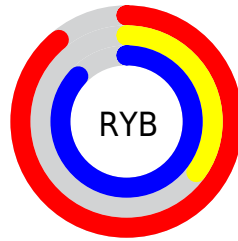
The YUV color $144.6520, 38.6256, 71.3422$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $169.3480, -38.6256, -71.3422$, and the grayscale version is $144.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.0170, 31.5436, 56.1131$, and $78.9500, 43.4087, 77.2198$ is the 20% darker color. If you saturate the color by 10%, you get $131.1510, 45.2816, 83.1826$, and if you desaturate by 10%, it is $158.1530, 31.9696, 59.5018$.

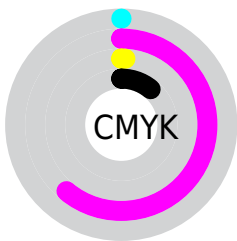
Distribution



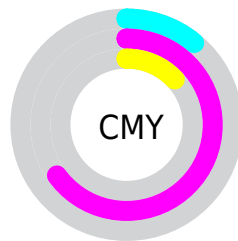
- Red (89%)
- Green (35%)
- Blue (87%)



- Red (89%)
- Yellow (35%)
- Blue (87%)



- Cyan (0%)
- Magenta (61%)
- Yellow (1%)
- Black (11%)




- Cyan (11%)
- Magenta (65%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.6520, 38.6256, 71.3422 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 144.6520, 38.6256, 71.3422 by changing the saturation by 10% instead.

 144.6520, 38.6256,
71.3422


 144.6520, 38.6256,
71.3422


255.0000, 0.0000,
0.0000


 114.2930, 39.7886,
71.6570


 191.0170, 31.5436,
56.1131

 78.9500, 43.4087,
77.2198


 207.4530, 23.4407,
41.6987


 57.5210, 40.6621,
71.4571

 225.0630, 14.7589,
26.2547

 46.1850, 33.4328,
56.8428

 242.0860, 6.3666,
11.3256

 34.9630, 26.6402,
42.1284

 24.7520, 19.8423,
29.1585

 13.1600, 14.2181,

13.0147

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 144.6520, 38.6256,
71.3422

■ 144.6520, 38.6256,
71.3422

■ 131.1510, 45.2816,
83.1826

■ 158.1530, 31.9696,
59.5018

■ 118.1230, 51.2114,
94.6081

■ 171.1810, 26.0398,
48.0763

■ 104.6220, 57.8674,
106.4485

■ 184.6820, 19.3838,
36.2359

■ 92.7680, 63.2184,
116.8445

■ 197.7100, 13.4540,
24.8103

211.2110, 6.7980,
12.9700

224.8260, 0.5788,
1.0296

237.7400, -5.7878,
-10.2960

243.1370, -7.9555,
-15.0291

Harmonies

Analogous

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



142.1790, 55.6208, -13.3120



144.6520, 38.6256, 71.3422



125.3850, 13.6142, 113.6724

Triad

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



144.6520, 38.6256, 71.3422



136.2880, -67.1900, 37.4584



128.0670, 41.3790, -112.3148

Complementary

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



144.6520, 38.6256, 71.3422



169.3480, -38.6256, -71.3422

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.



119.1580, 9.7821, -104.5016



144.6520, 38.6256, 71.3422



126.7990, -62.5119, -16.4867

Square

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



144.6520, 38.6256, 71.3422



134.2370, -66.1788, 86.6152



107.4450, -22.4044, -94.2293



129.4470, 61.8976, -113.5250

Rectangle

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



144.6520, 38.6256, 71.3422



123.4350, -9.0885, 115.3825



107.4450, -22.4044, -94.2293



125.4450, 31.3326, -110.0153

Sweetspot

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



144.6520, 38.6256, 71.3422



227.8840, 12.8752, 23.7807



104.3300, 59.9833, -12.5674



110.8630, 7.9555, 15.0291



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.



144.6520, 38.6256, 71.3422



145.3620, 52.0795, 96.1525



136.9000, 8.9233, 78.1407



105.5430, 3.1833, 5.6628



72.2320, 49.1856, 91.0045



19.7100, 13.4540, 24.8103

Inverse Universe

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



144.6520, 38.6256, 71.3422



145.3620, 52.0795, 96.1525



177.1000, -8.9233, -78.1407



105.5430, 3.1833, 5.6628



72.2320, 49.1856, 91.0045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 144.6520, 38.6256, 71.3422 looks on a white background.

Color Contrast Check

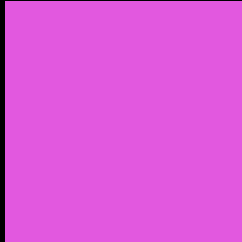
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.6520, 38.6256, 71.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

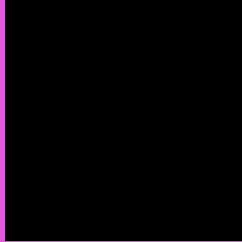
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.6520, 38.6256, 71.3422

Background



This preview shows how black text looks on a background with the YUV color 144.6520, 38.6256, 71.3422.



This preview shows how white text looks on a background with the YUV color 144.6520, 38.6256,

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

144.6520, 38.6256, 71.3422

Protanopia

140.5300, 56.4337, -40.8068

Deuteranopia

144.4940, 34.2665, -24.1122



Tritanopia

146.5130, -11.0989, 60.0631

Trichromacy



Original Color

144.6520, 38.6256, 71.3422



Protanomaly

141.7740, 49.9044, 0.1982



Deuteranomaly

144.4690, 35.7578, 10.9897



Tritanomaly

145.9430, 6.9301, 64.0710

Monochromacy



Original Color

144.6520, 38.6256, 71.3422



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.5360, 14.0328, 25.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6520, 38.6256, 71.3422 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(226, 88, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 88, 223)  
}
```

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(226, 88, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 88, 223) }
```

Border

The CSS property to change the border of an element to YUV 144.6520, 38.6256, 71.3422 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(226, 88, 223) }
```


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

```
.border{ border-color:rgb(226, 88, 223) }
```

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

Here you see how a box with a 4 pixel rgb(226, 88, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 88, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 88, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 88,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 144.6520, 38.6256, 71.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 88, 223) }
```

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

```
.background{ background-color: rgb(226, 88,  
223) }
```

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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