

Converting Colors

YUV(172.5890, 7.1046, 54.7344)

Have a look what the booklet for
YUV(172.5890, 7.1046, 54.7344)
contains.

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Color

**YUV(172.5890, 7.1046,
54.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8ABB
RGB	235, 138, 187
RGB Percent	92%, 54%, 73%
CMY	0.0784, 0.4588, 0.2667
CMYK	0.00, 0.41, 0.20, 0.08
HSL	330°, 71%, 73%
HSV	330°, 41%, 92%
XYZ	52.3191, 39.4270, 51.8664
YIQ	172.5890, 42.0830, 35.8030

Conversions

Conversions Part 2

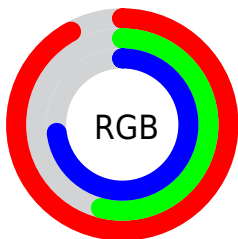
Format	Color
R _Y B	235, 138, 187
Decimal	15436475
CIE Lab	69.06, 43.14, -9.54
CIE LCh	69, 44.181, 347.527
Yxy	39.4270, 0.3643, 0.2745
Android (android.graphics.Color)	4293626555 (0xFFEB8ABB)
YUV	172.5890, 7.1046, 54.7344
Hunter-Lab	62.7909, 38.8469, -5.0209

Details

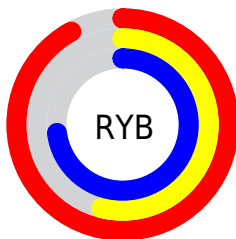
The YUV color **172.5890, 7.1046, 54.7344** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **200.4110, -7.1046, -54.7344**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2380, 12.7007, 33.1173**, and **118.0940, 7.8417, 51.6606** is the 20% darker color. If you saturate the color by 10%, you get **157.7200, 8.5190, 67.7746**, and if you desaturate by 10%, it is **188.0450, 5.4008, 41.1795**.

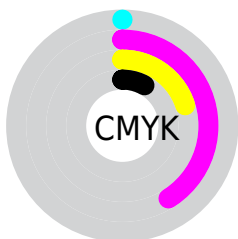
Distribution



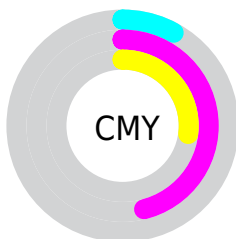
- Red (92%)
- Green (54%)
- Blue (73%)



- Red (92%)
- Yellow (54%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.5890, 7.1046, 54.7344 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 172.5890, 7.1046, 54.7344 by changing the saturation by 10% instead.


 172.5890, 7.1046,
54.7344


 172.5890, 7.1046,
54.7344


255.0000, 0.0000,
0.0000


 144.9910, 7.3994,
53.5049

 217.2380, 12.7007,
33.1173


 118.0940, 7.8417,
51.6606

 235.6290, 9.5499,
16.9884

 92.1970, 8.2839,
49.8162

 252.6520, 1.1576,
2.0592

 65.4250, 9.1575,
49.6163

 35.3590, 12.6410,
52.3052

 25.0770, 6.8640,
38.5205

 16.2190, 1.3710,

26.9949

■ 0.0000, 0.0000,
0.0000

■ 172.5890, 7.1046,
54.7344

■ 172.5890, 7.1046,
54.7344

■ 157.7200, 8.5190,
67.7746

■ 188.0450, 5.4008,
41.1795

■ 142.3780, 10.6596,
81.2295

■ 202.8000, 3.5496,
28.2394

■ 127.5090, 12.0741,
94.2696

■ 218.2560, 1.8458,
14.6845

■ 112.0530, 13.7779,
107.8245

■ 233.1250, 0.4314,
1.6444

■ 97.2980, 15.6291,
120.7647

■ 247.8800, -1.4198,
-11.2958

■ 83.8310, 17.3383,
132.5752

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



173.2830, 24.5105, 25.1848



172.5890, 7.1046, 54.7344



170.4320, -11.5520, 65.3961

Triad

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



172.5890, 7.1046, 54.7344



163.2280, -36.1014, 5.9390



134.9460, 44.8896, -118.3476

Complementary

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



172.5890, 7.1046, 54.7344



200.4110, -7.1046, -54.7344

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.



132.7170, 28.7335, -116.3928



172.5890, 7.1046, 54.7344



157.6780, -22.0263, -28.6586

Square

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



172.5890, 7.1046, 54.7344



166.3720, -37.6514, 36.5078



146.8910, 1.5327, -71.8184



151.6660, 46.5067, -76.8831

Rectangle

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



172.5890, 7.1046, 54.7344



169.0220, -23.1818, 62.2477



146.8910, 1.5327, -71.8184



134.9800, 39.9429, -118.3775

Sweetspot

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



172.5890, 7.1046, 54.7344



235.0930, 2.4192, 17.4584



163.1110, 35.4413, 19.1967



116.4080, 1.2779, 10.1662



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.



172.5890, 7.1046, 54.7344



173.2690, 9.2344, 71.6781



167.2310, -13.4249, 59.4334



109.8590, 0.5625, 6.2627



64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Inverse Universe

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



172.5890, 7.1046, 54.7344



173.2690, 9.2344, 71.6781



205.7690, 13.4249, -59.4334



109.8590, 0.5625, 6.2627



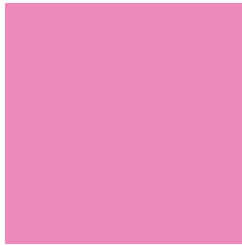
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 172.5890, 7.1046, 54.7344 looks on a white background.

Color Contrast Check

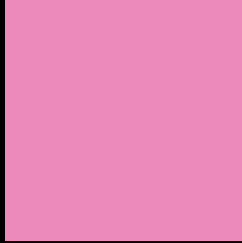
Large Text (above 18pt) WCAG AA × Fail

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 172.5890, 7.1046, 54.7344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

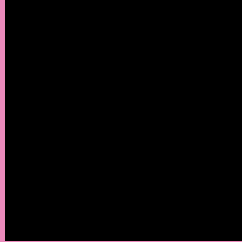
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5890, 7.1046, 54.7344

Background



This preview shows how black text looks on a background with the YUV color 172.5890, 7.1046, 54.7344.



This preview shows how white text looks on a background with the YUV color 172.5890, 7.1046,

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

172.5890, 7.1046, 54.7344

Protanopia

169.3530, 18.0670, -8.2026

Deuteranopia

170.5370, 5.6513, 7.4221



Tritanopia

171.5660, -8.1670, 53.0006

Trichromacy



Original Color

172.5890, 7.1046, 54.7344



Protanomaly

170.1710, 14.2127, 14.7590



Deuteranomaly

171.4620, 6.1812, 24.1508



Tritanomaly

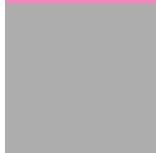
172.0590, -2.4941, 53.4453

Monochromacy



Original Color

172.5890, 7.1046, 54.7344



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.8160, 2.5557, 20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5890, 7.1046, 54.7344 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, 138, 187)` looks like.

```
.text, #text, p{  
    color:rgb(235, 138, 187)  
}
```

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, 138, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 138, 187) }
```

Border

The CSS property to change the border of an element to YUV 172.5890, 7.1046, 54.7344 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, 138, 187) }
```


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

```
.border{ border-color:rgb(235, 138, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 138, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 138, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 138, 187);  
box-shadow:4px 4px 4px 4px rgb(235, 138,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 172.5890, 7.1046, 54.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 138, 187) }
```

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

```
.background{ background-color: rgb(235,  
138, 187) }
```

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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