

Converting Colors

YUV(172.5940, 9.5672, 58.2381)

Have a look what the booklet for
YUV(172.5940, 9.5672, 58.2381)
contains.

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Color

**YUV(172.5940, 9.5672,
58.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	EF87C0
RGB	239, 135, 192
RGB Percent	94%, 53%, 75%
CMY	0.0627, 0.4706, 0.2471
CMYK	0.00, 0.44, 0.20, 0.06
HSL	327°, 76%, 73%
HSV	327°, 44%, 94%
XYZ	53.7750, 39.4844, 54.6562
YIQ	172.5940, 43.6870, 39.7750

Conversions

Conversions Part 2

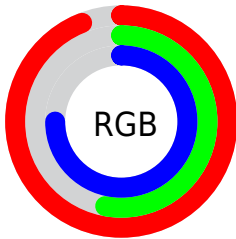
Format	Color
R _Y B	239, 135, 192
Decimal	15697856
CIE Lab	69.10, 46.73, -12.22
CIE LCh	69, 48.299, 345.341
Yxy	39.4844, 0.3636, 0.2669
Android (android.graphics.Color)	4293887936 (0xFFEF87C0)
YUV	172.5940, 9.5672, 58.2381
Hunter-Lab	62.8366, 42.7945, -7.5856

Details

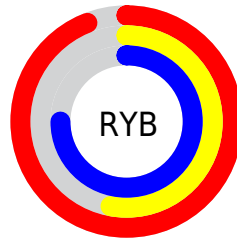
The YUV color **172.5940, 9.5672, 58.2381** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.4060, -9.5672, -58.2381**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0470, 15.7528, 34.1618**, and **118.0990, 10.3042, 55.1642** is the 20% darker color. If you saturate the color by 10%, you get **157.2520, 11.7078, 71.6930**, and if you desaturate by 10%, it is **187.9360, 7.4266, 44.7831**.

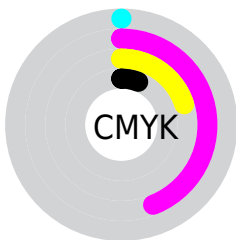
Distribution



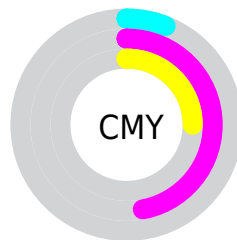
- Red (94%)
- Green (53%)
- Blue (75%)



- Red (94%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.5940, 9.5672, 58.2381 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 172.5940, 9.5672, 58.2381 by changing the saturation by 10% instead.

 172.5940, 9.5672,
58.2381


 172.5940, 9.5672,
58.2381


255.0000, 0.0000,
0.0000


 144.9960, 9.8620,
57.0085


 216.0470, 15.7528,
34.1618


 118.0990, 10.3042,
55.1642


 233.8680, 10.4181,
18.5328

 90.9140, 10.8884,
54.4494

 250.8910, 2.0257,
3.6036

 63.3700, 12.6356,
54.0495

 36.7120, 13.9460,
53.7496

 26.4300, 8.1690,
39.9649

 17.2730, 2.8234,

27.8246

■ 0.0000, 0.0000,
0.0000

■ 172.5940, 9.5672,
58.2381

■ 172.5940, 9.5672,
58.2381

■ 157.2520, 11.7078,
71.6930

■ 187.9360, 7.4266,
44.7831

■ 141.9100, 13.8484,
85.1479

■ 203.2780, 5.2859,
31.3282

■ 126.6820, 16.4258,
98.5029

■ 218.5060, 2.7085,
17.9732

■ 111.3400, 18.5664,
111.9578

■ 233.8480, 0.5679,
4.5183

■ 96.5850, 20.4176,
124.8980

■ 248.6030, -1.2833,
-8.4218

■ 86.3950, 21.9903,
133.8346

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



173.3090, 28.4417, 24.2850



172.5940, 9.5672, 58.2381



170.2910, -10.9895, 71.6588

Triad

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



172.5940, 9.5672, 58.2381



162.5120, -40.1854, 9.1980



136.5760, 46.0580, -119.7772

Complementary

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



172.5940, 9.5672, 58.2381



201.4060, -9.5672, -58.2381

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.



133.7770, 27.7179, -117.3224



172.5940, 9.5672, 58.2381



157.0540, -25.6626, -28.9884

Square

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



172.5940, 9.5672, 58.2381



166.4820, -41.1566, 40.7963



143.9070, 0.5388, -79.7254



134.2140, 58.5615, -116.8287

Rectangle

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



172.5940, 9.5672, 58.2381



169.1260, -24.2191, 68.2955



143.9070, 0.5388, -79.7254



136.3820, 40.2377, -119.6070

Sweetspot

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



172.5940, 9.5672, 58.2381



233.9190, 2.9979, 18.4880



160.9090, 38.4989, 18.4968



114.5330, 1.7092, 11.8106



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.



172.5940, 9.5672, 58.2381



170.0890, 12.2811, 74.4669



166.6660, -13.1463, 63.4369



112.2720, 0.8519, 6.7775



66.5300, 16.9937, 103.0212



20.2780, 5.2859, 31.3282

Inverse Universe

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



172.5940, 9.5672, 58.2381



170.0890, 12.2811, 74.4669



207.3340, 13.1463, -63.4369



112.2720, 0.8519, 6.7775



66.5300, 16.9937, 103.0212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 172.5940, 9.5672, 58.2381 looks on a white background.

Color Contrast Check

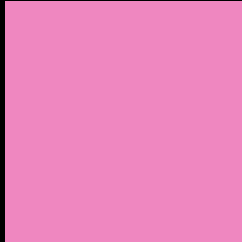
Large Text (above 18pt) WCAG AA × Fail

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 172.5940, 9.5672, 58.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

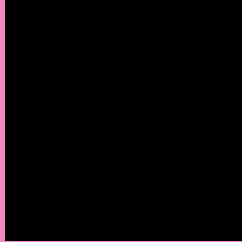
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5940, 9.5672, 58.2381

Background



This preview shows how black text looks on a background with the YUV color 172.5940, 9.5672, 58.2381.



This preview shows how white text looks on a background with the YUV color 172.5940, 9.5672,

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

172.5940, 9.5672, 58.2381

Protanopia

169.6670, 21.8562, -10.2320

Deuteranopia

170.5090, 8.1301, 5.6926



Tritanopia

171.6480, -9.1935, 55.5597

Trichromacy



Original Color

172.5940, 9.5672, 58.2381



Protanomaly

170.3820, 17.5597, 14.5740



Deuteranomaly

171.1570, 8.7966, 25.2953



Tritanomaly

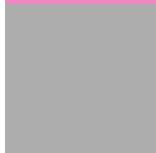
171.7820, -2.3575, 56.3192

Monochromacy



Original Color

172.5940, 9.5672, 58.2381



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.7560, 3.5713, 21.2620

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5940, 9.5672, 58.2381 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(239, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(239, 135, 192)  
}
```

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(239, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 135, 192) }
```

Border

The CSS property to change the border of an element to YUV 172.5940, 9.5672, 58.2381 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(239, 135, 192) }
```


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

```
.border{ border-color:rgb(239, 135, 192) }
```

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

Here you see how a box with a 4 pixel rgb(239, 135, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(239, 135,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 172.5940, 9.5672, 58.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 135, 192) }
```

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

```
.background{ background-color: rgb(239,  
135, 192) }
```

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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