

Converting Colors

YUV(170.9420, 8.4096, 56.1789)

Have a look what the booklet for
YUV(170.9420, 8.4096, 56.1789)
contains.

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Color

**YUV(170.9420, 8.4096,
56.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	EB87BC
RGB	235, 135, 188
RGB Percent	92%, 53%, 74%
CMY	0.0784, 0.4706, 0.2627
CMYK	0.00, 0.43, 0.20, 0.08
HSL	328°, 71%, 73%
HSV	328°, 43%, 92%
XYZ	52.0020, 38.6210, 52.2907
YIQ	170.9420, 42.5870, 37.6830

Conversions

Conversions Part 2

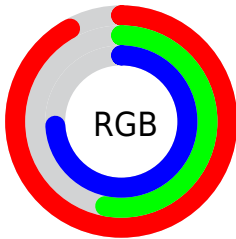
Format	Color
R _{YB}	235, 135, 188
Decimal	15435708
CIE Lab	68.48, 44.82, -10.97
CIE LCh	68, 46.148, 346.244
Yxy	38.6210, 0.3639, 0.2702
Android (android.graphics.Color)	4293625788 (0xFFEB87BC)
YUV	170.9420, 8.4096, 56.1789
Hunter-Lab	62.1458, 40.6093, -6.3858

Details

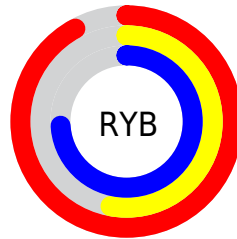
The YUV color **170.9420, 8.4096, 56.1789** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.0580, -8.4096, -56.1789**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5910, 14.0056, 34.5617**, and **116.4470, 9.1466, 53.1050** is the 20% darker color. If you saturate the color by 10%, you get **156.1870, 10.2608, 69.1190**, and if you desaturate by 10%, it is **186.2840, 6.2690, 42.7239**.

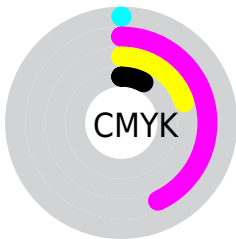
Distribution



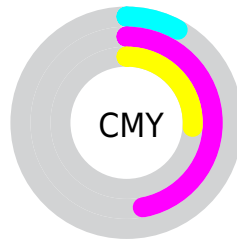
- Red (92%)
- Green (53%)
- Blue (74%)



- Red (92%)
- Yellow (53%)
- Blue (74%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9420, 8.4096, 56.1789 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 170.9420, 8.4096, 56.1789 by changing the saturation by 10% instead.

 170.9420, 8.4096,
56.1789


 170.9420, 8.4096,
56.1789

255.0000, 0.0000,
0.0000


 143.3440, 8.7044,
54.9493


 215.5910, 14.0056,
34.5617


 116.4470, 9.1466,
53.1050


 233.8680, 10.4181,
18.5328

 89.8490, 9.4414,
51.8754

 250.8910, 2.0257,
3.6036

 63.1910, 10.7518,
51.5755

 35.4730, 13.0778,
52.2052

 25.1910, 7.3008,
38.4205

 15.9200, 1.5184,

26.3802

■ 0.0000, 0.0000,
0.0000

■ 170.9420, 8.4096,
56.1789

■ 170.9420, 8.4096,
56.1789

■ 156.1870, 10.2608,
69.1190

■ 186.2840, 6.2690,
42.7239

■ 140.8450, 12.4014,
82.5739

■ 201.0390, 4.4178,
29.7838

■ 126.0900, 14.2526,
95.5141

■ 216.3810, 2.2772,
16.3289

■ 110.7480, 16.3932,
108.9690

■ 231.1360, 0.4260,
3.3887

■ 95.9930, 18.2445,
121.9091

■ 246.4780, -1.7147,
-10.0662

■ 84.5150, 19.9591,
131.9753

■ 248.9060, 2.5113,
-12.1956

■ 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.



171.4400, 26.4051, 24.1701



170.9420, 8.4096, 56.1789



168.5680, -11.1260, 68.7849

Triad

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



170.9420, 8.4096, 56.1789



161.3700, -38.1434, 7.5685



134.3590, 45.1790, -117.8328

Complementary

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



170.9420, 8.4096, 56.1789



199.0580, -8.4096, -56.1789

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.



132.4890, 27.8599, -116.1929



170.9420, 8.4096, 56.1789



155.8090, -24.0628, -28.7735

Square

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



170.9420, 8.4096, 56.1789



164.9270, -39.4040, 38.6520



143.7550, 1.1068, -75.2071



144.3160, 50.6232, -90.6081

Rectangle

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



170.9420, 8.4096, 56.1789



167.6310, -23.4821, 65.2216



143.7550, 1.1068, -75.2071



134.2790, 39.7955, -117.7627

Sweetspot

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



170.9420, 8.4096, 56.1789



233.8050, 2.5611, 18.5880



160.4530, 36.7517, 18.8967



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.



170.9420, 8.4096, 56.1789



171.7360, 10.9762, 73.0225



165.2420, -13.4303, 61.1778



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Inverse Universe

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



170.9420, 8.4096, 56.1789



171.7360, 10.9762, 73.0225



204.7580, 13.4303, -61.1778



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 170.9420, 8.4096, 56.1789 looks on a white background.

Color Contrast Check

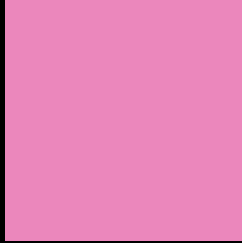
Large Text (above 18pt) WCAG AA × Fail

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 170.9420, 8.4096, 56.1789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

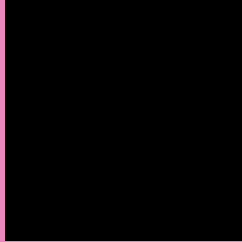
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9420, 8.4096, 56.1789

Background



This preview shows how black text looks on a background with the YUV color 170.9420, 8.4096, 56.1789.



This preview shows how white text looks on a background with the YUV color 170.9420, 8.4096,

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

170.9420, 8.4096, 56.1789

Protanopia

168.0970, 19.6722, -9.7321

Deuteranopia

169.1670, 6.8197, 5.9925



Tritanopia

169.7510, -8.7512, 53.7154

Trichromacy



Original Color

170.9420, 8.4096, 56.1789



Protanomaly

169.2140, 15.6705, 13.8443



Deuteranomaly

169.8040, 7.4916, 23.8509



Tritanomaly

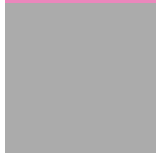
169.7710, -2.3521, 54.5748

Monochromacy



Original Color

170.9420, 8.4096, 56.1789



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9300, 2.9925, 20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9420, 8.4096, 56.1789 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, 135, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 135, 188)  
}
```

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, 135, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 135, 188) }
```

Border

The CSS property to change the border of an element to YUV 170.9420, 8.4096, 56.1789 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, 135, 188) }
```


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

```
.border{ border-color:rgb(235, 135, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 135, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 135, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 135, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 135,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 170.9420, 8.4096, 56.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 135, 188) }
```

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

```
.background{ background-color: rgb(235,  
135, 188) }
```

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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