

Converting Colors

YUV(170.4500, 18.0192,
53.9794)

Have a look what the booklet for
YUV(170.4500, 18.0192, 53.9794)
contains.

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Color

**YUV(170.4500, 18.0192,
53.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	E884CF
RGB	232, 132, 207
RGB Percent	91%, 52%, 81%
CMY	0.0902, 0.4824, 0.1882
CMYK	0.00, 0.43, 0.11, 0.09
HSL	315°, 68%, 71%
HSV	315°, 43%, 91%
XYZ	52.7925, 38.1633, 63.6153
YIQ	170.4500, 35.5250, 44.5250

Conversions

Conversions Part 2

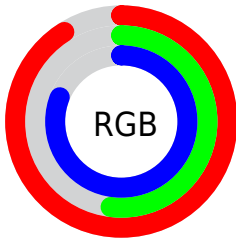
Format	Color
R _Y B	232, 132, 207
Decimal	15238351
CIE Lab	68.14, 48.33, -22.13
CIE LCh	68, 53.154, 335.400
Yxy	38.1633, 0.3415, 0.2469
Android (android.graphics.Color)	4293428431 (0xFFE884CF)
YUV	170.4500, 18.0192, 53.9794
Hunter-Lab	61.7765, 44.4323, -17.8113

Details

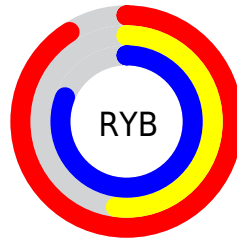
The YUV color **170.4500, 18.0192, 53.9794** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **193.5500, -18.0191, -53.9793**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **115.8410, 18.3194, 51.0054** is the 20% darker color. If you saturate the color by 10%, you get **156.2650, 22.0544, 66.4196**, and if you desaturate by 10%, it is **184.6350, 13.9839, 41.5391**.

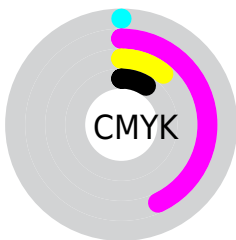
Distribution



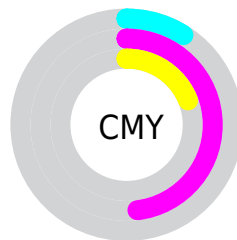
- Red (91%)
- Green (52%)
- Blue (81%)



- Red (91%)
- Yellow (52%)
- Blue (81%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (9%)




- Cyan (9%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4500, 18.0192, 53.9794 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 170.4500, 18.0192, 53.9794 by changing the saturation by 10% instead.


 170.4500, 18.0192,
53.9794


 170.4500, 18.0192,
53.9794


255.0000, 0.0000,
0.0000


 142.7380, 17.8772,
52.8498


 215.0840, 19.6786,
35.0063


 115.8410, 18.3194,
51.0054


 232.1070, 11.2862,
20.0772

 88.8410, 18.3194,
51.0054

 249.1300, 2.8939,
5.1480

 60.5960, 19.9192,
51.2203

 36.5850, 19.9246,
49.4760

 26.1890, 13.7108,
35.7912

 16.9180, 7.9284,

23.7509

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 170.4500, 18.0192,
53.9794

■ 170.4500, 18.0192,
53.9794

■ 156.2650, 22.0544,
66.4196

■ 184.6350, 13.9839,
41.5391

■ 142.0800, 26.0896,
78.8598

■ 198.8200, 9.9487,
29.0989

■ 127.4220, 30.8510,
91.7149

■ 213.4780, 5.1873,
16.2438

■ 113.2370, 34.8862,
104.1552

■ 227.6630, 1.1521,
3.8035

■ 99.0520, 38.9214,
116.5954

■ 241.8480, -2.8831,
-8.6367

■ 89.2040, 41.8044,
125.2321

■ 246.6410, -2.2880,
-12.8402

■ 247.3250, 0.3328,
-13.4400

■ 247.8950, 2.5168,
-13.9399

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



170.0990, 36.9262, 9.5602



170.4500, 18.0192, 53.9794



167.1590, -4.0224, 77.0366

Triad

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



170.4500, 18.0192, 53.9794



160.2810, -46.4805, 21.6786



136.0230, 41.4007, -119.2922

Complementary

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



170.4500, 18.0192, 53.9794



193.5500, -18.0191, -53.9793

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.



131.3660, 21.0186, -115.2080



170.4500, 18.0192, 53.9794



155.0140, -35.0099, -17.5523

Square

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



170.4500, 18.0192, 53.9794



163.6300, -42.2156, 53.8215



143.3400, -9.5346, -68.7042



135.6760, 57.8407, -118.9879

Rectangle

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



170.4500, 18.0192, 53.9794



165.9730, -18.7207, 78.0767



143.3400, -9.5346, -68.7042



135.0140, 34.9961, -118.4073

Sweetspot

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



170.4500, 18.0192, 53.9794



234.7170, 6.0555, 17.7882



150.8750, 39.9946, 5.3716



114.9890, 3.4564, 11.4106



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.



170.4500, 18.0192, 53.9794



173.1670, 24.0747, 71.7675



164.7500, -3.8207, 58.9783



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Inverse Universe

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



170.4500, 18.0192, 53.9794



173.1670, 24.0747, 71.7675



199.2500, 3.8207, -58.9783



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 170.4500, 18.0192, 53.9794 looks on a white background.

Color Contrast Check

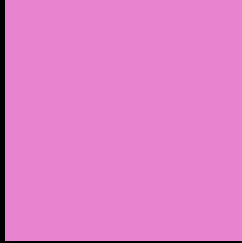
Large Text (above 18pt) WCAG AA × Fail

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 170.4500, 18.0192, 53.9794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

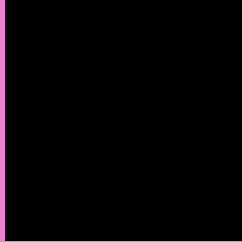
Any Text WCAG AA ✓ Pass

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 170.4500, 18.0192, 53.9794 Background



This preview shows how black text looks on a background with the YUV color 170.4500, 18.0192, 53.9794.



This preview shows how white text looks on a background with the YUV color 170.4500, 18.0192,

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

170.4500, 18.0192, 53.9794

Protanopia

166.5550, 31.7714, -17.1497

Deuteranopia

168.0440, 16.7403, -2.6696



Tritanopia

169.0710, -7.4300, 49.9267

Trichromacy



Original Color

170.4500, 18.0192, 53.9794



Protanomaly

167.7540, 26.7433, 8.9857



Deuteranomaly

168.9910, 17.2594, 17.5479



Tritanomaly

169.4870, 1.7319, 51.3159

Monochromacy



Original Color

170.4500, 18.0192, 53.9794



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1410, 6.3395, 20.0473

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4500, 18.0192, 53.9794 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(232, 132, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 132, 207)  
}
```

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(232, 132, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 132, 207) }
```

Border

The CSS property to change the border of an element to YUV 170.4500, 18.0192, 53.9794 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(232, 132, 207) }
```


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

```
.border{ border-color:rgb(232, 132, 207) }
```

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

Here you see how a box with a 4 pixel rgb(232, 132, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 132, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 132, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 132,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 170.4500, 18.0192, 53.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 132, 207) }
```

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

```
.background{ background-color: rgb(232,  
132, 207) }
```

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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