

Converting Colors

YUV(188.2780, 8.7369, 44.4832)

Have a look what the booklet for
YUV(188.2780, 8.7369, 44.4832)
contains.

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Color

**YUV(188.2780, 8.7369,
44.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9FCE
RGB	239, 159, 206
RGB Percent	94%, 62%, 81%
CMY	0.0627, 0.3765, 0.1922
CMYK	0.00, 0.33, 0.14, 0.06
HSL	325°, 71%, 78%
HSV	325°, 33%, 94%
XYZ	59.1353, 47.6032, 64.4641
YIQ	188.2780, 32.5930, 31.5770

Conversions

Conversions Part 2

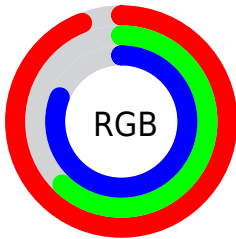
Format	Color
R _Y B	239, 159, 206
Decimal	15704014
CIE Lab	74.57, 36.44, -11.78
CIE LCh	75, 38.298, 342.092
Yxy	47.6032, 0.3454, 0.2781
Android (android.graphics.Color)	4293894094 (0xFFEF9FCE)
YUV	188.2780, 8.7369, 44.4832
Hunter-Lab	68.9951, 32.2500, -7.0998

Details

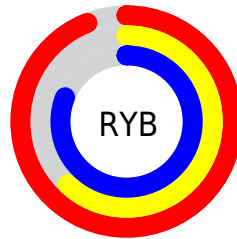
The YUV color **188.2780, 8.7369, 44.4832** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.7220, -8.7369, -44.4832**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **133.9680, 8.8898, 42.1241** is the 20% darker color. If you saturate the color by 10%, you get **173.0500, 11.3144, 57.8382**, and if you desaturate by 10%, it is **203.5060, 6.1595, 31.1282**.

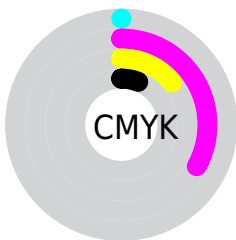
Distribution



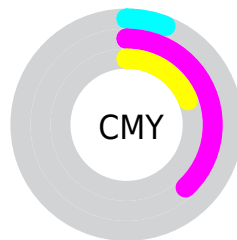
- Red (94%)
- Green (62%)
- Blue (81%)



- Red (94%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2780, 8.7369, 44.4832 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 188.2780, 8.7369, 44.4832 by changing the saturation by 10% instead.


 188.2780, 8.7369,
44.4832


 188.2780, 8.7369,
44.4832

255.0000, 0.0000,
0.0000


 160.5660, 8.5950,
43.3536

 231.5200, 11.5756,
20.5920


 133.9680, 8.8898,
42.1241

 247.9560, 3.4727,
6.1776

 107.9570, 8.8952,
40.3797

 82.3590, 9.1900,
39.1502

 57.1740, 9.7742,
38.4354

 30.3420, 11.6634,
39.1651

 19.0110, 6.8966,

28.0544

■ 8.1590, -1.0644,
14.7696

■ 0.0000, 0.0000,
0.0000

■ 188.2780, 8.7369,
44.4832

■ 188.2780, 8.7369,
44.4832

■ 173.0500, 11.3144,
57.8382

■ 203.5060, 6.1595,
31.1282

■ 157.8220, 13.8918,
71.1931

■ 218.7340, 3.5821,
17.7733

■ 142.5940, 16.4692,
84.5481

■ 233.9620, 1.0047,
4.4183

■ 127.4800, 19.4834,
97.8030

■ 249.0760, -2.0095,
-8.8367

■ 112.8390, 21.7714,
110.6432

■ 250.2160, 2.3585,
-9.8364

■ 97.6110, 24.3488,
123.9982

■ 87.4210, 25.9214,
132.9348

Harmonies

Analogous

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



187.7010, 23.8114, 16.0482



188.2780, 8.7369, 44.4832



186.3000, -8.0359, 57.6189

Triad

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



188.2780, 8.7369, 44.4832



179.8850, -32.4813, 11.5019



157.9720, 35.5098, -96.4454

Complementary

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



188.2780, 8.7369, 44.4832



209.7220, -8.7369, -44.4832

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.



160.7550, 17.8688, -84.8541



188.2780, 8.7369, 44.4832



175.3310, -22.3482, -18.7073

Square

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



188.2780, 8.7369, 44.4832



182.7510, -32.4152, 37.0524



169.2310, -4.0579, -51.9456



171.0930, 38.9012, -64.1026

Rectangle

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



188.2780, 8.7369, 44.4832



185.8410, -18.6556, 57.1444



169.2310, -4.0579, -51.9456



156.2230, 31.4421, -98.4196

Sweetspot

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



188.2780, 8.7369, 44.4832



239.0710, 2.4300, 13.9697



177.6880, 30.2268, 11.6746



117.8100, 1.5727, 8.9366



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.



188.2780, 8.7369, 44.4832



190.3380, 11.1724, 56.7086



183.8320, -8.2982, 48.3823



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Inverse Universe

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



188.2780, 8.7369, 44.4832



190.3380, 11.1724, 56.7086



214.1680, 8.2982, -48.3823



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 188.2780, 8.7369, 44.4832 looks on a white background.

Color Contrast Check

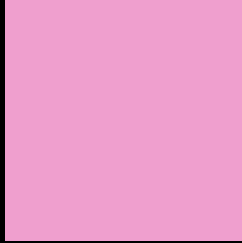
Large Text (above 18pt) WCAG AA × Fail

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 188.2780, 8.7369, 44.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

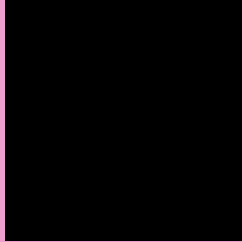
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2780, 8.7369, 44.4832

Background



This preview shows how black text looks on a background with the YUV color 188.2780, 8.7369, 44.4832.



This preview shows how white text looks on a background with the YUV color 188.2780, 8.7369,

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

188.2780, 8.7369, 44.4832

Protanopia

184.3530, 18.0670, -8.2026

Deuteranopia

185.8080, 7.9827, 6.3074



Tritanopia

187.0100, -4.9349, 42.9642

Trichromacy



Original Color

188.2780, 8.7369, 44.4832



Protanomaly

185.9640, 14.8077, 10.5556



Deuteranomaly

186.8960, 7.9393, 20.2622



Tritanomaly

187.3890, 0.3012, 43.5088

Monochromacy



Original Color

188.2780, 8.7369, 44.4832



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0220, 3.4402, 16.6437

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2780, 8.7369, 44.4832 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, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(239, 159, 206)  
}
```

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, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 159, 206) }
```

Border

The CSS property to change the border of an element to YUV 188.2780, 8.7369, 44.4832 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, 159, 206) }
```


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

```
.border{ border-color:rgb(239, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(239, 159,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 188.2780, 8.7369, 44.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 159, 206) }
```

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

```
.background{ background-color: rgb(239,  
159, 206) }
```

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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