

Converting Colors

YUV(186.3830, 2.7692, 45.2681)

Have a look what the booklet for
YUV(186.3830, 2.7692, 45.2681)
contains.

YUV(186.3830, 2.7692, 45.2681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.3830, 2.7692,
45.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9FC0
RGB	238, 159, 192
RGB Percent	93%, 62%, 75%
CMY	0.0667, 0.3765, 0.2471
CMYK	0.00, 0.33, 0.19, 0.07
HSL	335°, 70%, 78%
HSV	335°, 33%, 93%
XYZ	57.1725, 46.7792, 55.8851
YIQ	186.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

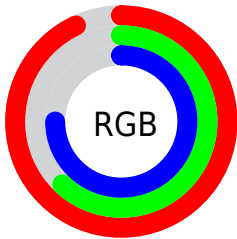
Format	Color
R _Y B	238, 159, 192
Decimal	15638464
CIE Lab	74.05, 33.93, -4.88
CIE LCh	74, 34.281, 351.824
Yxy	46.7792, 0.3577, 0.2927
Android (android.graphics.Color)	4293828544 (0xFFEE9FC0)
YUV	186.3830, 2.7692, 45.2681
Hunter-Lab	68.3953, 29.5185, -0.5686

Details

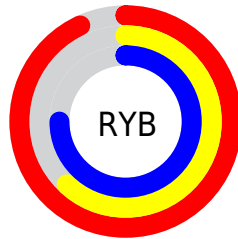
The YUV color **186.3830, 2.7692, 45.2681** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.6170, -2.7692, -45.2681**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1350, 8.8074, 21.8066**, and **132.1870, 3.3588, 42.8090** is the 20% darker color. If you saturate the color by 10%, you get **170.6990, 3.5994, 59.0230**, and if you desaturate by 10%, it is **202.0670, 1.9390, 31.5132**.

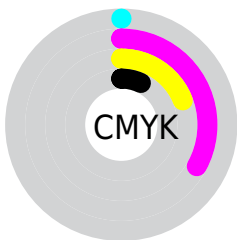
Distribution



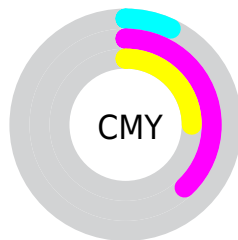
- Red (93%)
- Green (62%)
- Blue (75%)



- Red (93%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3830, 2.7692, 45.2681 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 186.3830, 2.7692, 45.2681 by changing the saturation by 10% instead.


 186.3830, 2.7692,
45.2681


 186.3830, 2.7692,
45.2681


255.0000, 0.0000,
0.0000

 158.7850, 3.0640,
44.0386

 230.1350, 8.8074,
21.8066

 132.1870, 3.3588,
42.8090

 247.9560, 3.4727,
6.1776

 106.1760, 3.3642,
41.0646

 81.2790, 3.8065,
39.2203

 56.0940, 4.3907,
38.5056

 29.9630, 6.4272,
38.6204

 17.5720, 2.6760,

28.4394

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 186.3830, 2.7692,
45.2681

■ 186.3830, 2.7692,
45.2681

■ 170.6990, 3.5994,
59.0230

■ 202.0670, 1.9390,
31.5132

■ 155.0150, 4.4296,
72.7778

■ 217.7510, 1.1088,
17.7584

■ 139.9180, 4.9704,
86.0179

■ 232.8480, 0.5679,
4.5183

■ 124.3480, 6.2374,
99.6728

■ 248.4180, -0.6991,
-9.1366

■ 108.6640, 7.0676,
113.4277

■ 249.9170, 2.5059,
-10.4512

■ 92.9800, 7.8979,
127.1825

■ 82.4480, 8.1601,
136.4191

Harmonies

Analogous

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



186.6220, 16.9484, 24.0105



186.3830, 2.7692, 45.2681



184.8280, -12.2402, 52.7708

Triad

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



186.3830, 2.7692, 45.2681



177.6110, -26.9232, 2.0952



165.9150, 32.0869, -71.8395

Complementary

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



186.3830, 2.7692, 45.2681



210.6170, -2.7692, -45.2681

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.



163.0920, 20.1676, -75.5027



186.3830, 2.7692, 45.2681



173.7090, -15.6325, -26.0548

Square

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



186.3830, 2.7692, 45.2681



180.9670, -30.0567, 27.2159



168.1150, 1.9153, -54.4749



175.8460, 33.5999, -43.7149

Rectangle

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



186.3830, 2.7692, 45.2681



184.1020, -21.2493, 49.0225



168.1150, 1.9153, -54.4749



163.7850, 29.1930, -76.9874

Sweetspot

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



186.3830, 2.7692, 45.2681



238.6150, 0.6828, 14.3696



181.4610, 27.8737, 19.7667



117.5820, 0.6991, 9.1366



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.



186.3830, 2.7692, 45.2681



188.4000, 3.7468, 58.4082



185.5560, -13.0921, 45.9934



112.1580, 0.4151, 6.8774



63.7940, 6.5106, 105.4207



19.3660, 1.7916, 32.1280

Inverse Universe

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



186.3830, 2.7692, 45.2681



188.4000, 3.7468, 58.4082



211.4440, 13.0921, -45.9934



112.1580, 0.4151, 6.8774



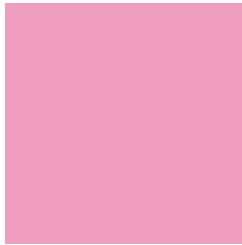
63.7940, 6.5106, 105.4207



19.3660, 1.7916, 32.1280

Previews

White Background



This preview shows how the YUV color 186.3830, 2.7692, 45.2681 looks on a white background.

Color Contrast Check

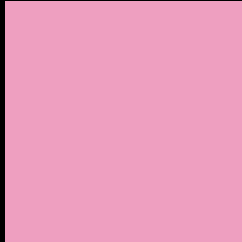
Large Text (above 18pt) WCAG AA × Fail

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 186.3830, 2.7692, 45.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

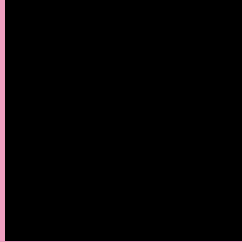
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.3830, 2.7692, 45.2681

Background



This preview shows how black text looks on a background with the YUV color 186.3830, 2.7692, 45.2681.



This preview shows how white text looks on a background with the YUV color 186.3830, 2.7692,

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

186.3830, 2.7692, 45.2681

Protanopia

183.2520, 11.2148, -3.7290

Deuteranopia

184.3480, 2.2934, 11.0958



Tritanopia

185.4940, -5.6665, 44.2938

Trichromacy



Original Color

186.3830, 2.7692, 45.2681



Protanomaly

184.2650, 8.2504, 13.7996



Deuteranomaly

184.8380, 2.5449, 23.8211



Tritanomaly

186.0040, -2.4670, 44.7235

Monochromacy



Original Color

186.3830, 2.7692, 45.2681



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0390, 0.9668, 16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3830, 2.7692, 45.2681 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(238, 159, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 159, 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(238, 159, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 159, 192) }
```

Border

The CSS property to change the border of an element to YUV 186.3830, 2.7692, 45.2681 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(238, 159, 192) }
```


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

```
.border{ border-color:rgb(238, 159, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 159, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 159, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 159, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 159,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 186.3830, 2.7692, 45.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 159, 192) }
```

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

```
.background{ background-color: rgb(238,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor