

Converting Colors

YUV(187.3600, 4.2595, 33.8873)

Have a look what the booklet for
YUV(187.3600, 4.2595, 33.8873)
contains.

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Color

**YUV(187.3600, 4.2595,
33.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A6C4
RGB	226, 166, 196
RGB Percent	89%, 65%, 77%
CMY	0.1137, 0.3490, 0.2314
CMYK	0.00, 0.27, 0.13, 0.11
HSL	330°, 51%, 77%
HSV	330°, 27%, 89%
XYZ	54.9641, 47.4267, 58.4819
YIQ	187.3600, 26.1300, 22.0500

Conversions

Conversions Part 2

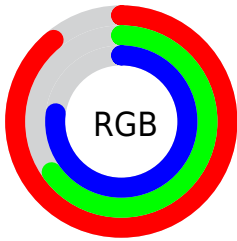
Format	Color
R _Y B	226, 166, 196
Decimal	14853828
CIE Lab	74.46, 26.64, -6.60
CIE LCh	74, 27.450, 346.077
Yxy	47.4267, 0.3417, 0.2948
Android (android.graphics.Color)	4293043908 (0xFFE2A6C4)
YUV	187.3600, 4.2595, 33.8873
Hunter-Lab	68.8671, 21.9468, -2.1421

Details

The YUV color **187.3600, 4.2595, 33.8873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.6400, -4.2595, -33.8873**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8140, 8.9657, 17.7031**, and **133.3490, 4.2649, 32.1429** is the 20% darker color. If you saturate the color by 10%, you get **172.6050, 6.1107, 46.8274**, and if you desaturate by 10%, it is **202.1150, 2.4083, 20.9471**.

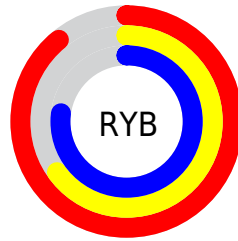
Distribution



Red (89%)

Green (65%)

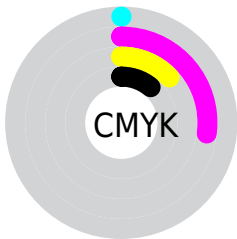
Blue (77%)



Red (89%)

Yellow (65%)

Blue (77%)

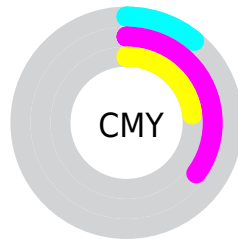


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.3600, 4.2595, 33.8873 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 187.3600, 4.2595, 33.8873 by changing the saturation by 10% instead.

 187.3600, 4.2595,
33.8873


 187.3600, 4.2595,
33.8873


255.0000, 0.0000,
0.0000

 160.0610, 4.4069,
33.2725


 234.8140, 8.9657,
17.7031

 133.3490, 4.2649,
32.1429

 252.0650, 1.4470,
2.5740

 107.7510, 4.5598,
30.9134

 83.0390, 4.4178,
29.7838

 59.1420, 4.8600,
27.9395

 35.5440, 5.1548,
26.7099

 16.1200, 4.8708,

24.4508

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 187.3600, 4.2595,
33.8873

■ 187.3600, 4.2595,
33.8873

■ 172.6050, 6.1107,
46.8274

■ 202.1150, 2.4083,
20.9471

■ 158.3230, 7.2358,
59.3527

■ 216.3970, 1.2833,
8.4218

■ 143.5680, 9.0870,
72.2929

■ 231.1520, -0.5679,
-4.5183

■ 129.4000, 10.6488,
84.7182

■ 244.7330, -1.8404,
-16.4288

■ 114.5310, 12.0632,
97.7583

■ 245.9870, 2.9644,
-17.5286

■ 99.7760, 13.9144,
110.6984

■ 246.3290, 4.2748,
-17.8285

■ 85.6080, 15.4763,
123.1238

■ 80.4560, 16.0442,
127.6421

Harmonies

Analogous

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



186.8120, 15.3757, 15.0739



187.3600, 4.2595, 33.8873



186.5000, -8.1345, 42.5345

Triad

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



187.3600, 4.2595, 33.8873



180.6700, -23.0083, 6.4284



172.6200, 22.8653, -54.0407

Complementary

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



187.3600, 4.2595, 33.8873



204.6400, -4.2595, -33.8873

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.



171.1720, 12.2402, -52.7708



187.3600, 4.2595, 33.8873



177.7040, -14.6441, -16.4034

Square

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



187.3600, 4.2595, 33.8873



183.2640, -23.7942, 25.2015



174.1880, -2.0647, -37.8759



178.0550, 26.5949, -36.8822

Rectangle

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



187.3600, 4.2595, 33.8873



185.6540, -15.1124, 40.6454



174.1880, -2.0647, -37.8759



171.5120, 19.9606, -55.7000

Sweetspot

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



187.3600, 4.2595, 33.8873



242.1200, 1.4198, 11.2958



181.8100, 21.7857, 12.4446



119.5710, 0.7045, 7.3922



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.



187.3600, 4.2595, 33.8873



202.1920, 5.8213, 46.3126



183.9400, -8.8444, 36.8866



104.9730, 0.9993, 6.1627



62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Inverse Universe

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



187.3600, 4.2595, 33.8873



202.1920, 5.8213, 46.3126



208.0600, 8.8444, -36.8866



104.9730, 0.9993, 6.1627



62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 187.3600, 4.2595, 33.8873 looks on a white background.

Color Contrast Check

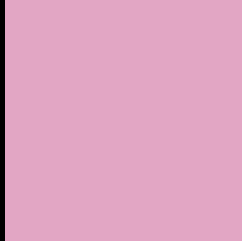
Large Text (above 18pt) WCAG AA × Fail

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 187.3600, 4.2595, 33.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

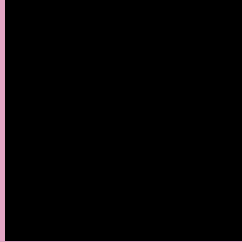
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3600, 4.2595, 33.8873

Background



This preview shows how black text looks on a background with the YUV color 187.3600, 4.2595, 33.8873.



This preview shows how white text looks on a background with the YUV color 187.3600, 4.2595,

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

187.3600, 4.2595, 33.8873

Protanopia

184.1380, 10.7780, -3.6290

Deuteranopia

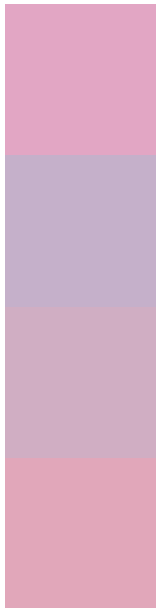
185.5050, 4.1880, 10.0811



Tritanopia

186.2260, -2.5764, 33.1278

Trichromacy



Original Color

187.3600, 4.2595, 33.8873

Protanomaly

185.2430, 8.2612, 10.3109

Deuteranomaly

186.5600, 4.1609, 18.8029

Tritanomaly

186.5080, -0.2504, 33.7575

Monochromacy



Original Color

187.3600, 4.2595, 33.8873

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8320, 1.5618, 12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3600, 4.2595, 33.8873 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(226, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 166, 196)  
}
```

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(226, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 166, 196) }
```

Border

The CSS property to change the border of an element to YUV 187.3600, 4.2595, 33.8873 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(226, 166, 196) }
```


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

```
.border{ border-color:rgb(226, 166, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 166, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 166, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 166,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 187.3600, 4.2595, 33.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 166, 196) }
```

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

```
.background{ background-color: rgb(226,  
166, 196) }
```

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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