

Converting Colors

YUV(186.7370, -0.8563,
41.4497)

Have a look what the booklet for
YUV(186.7370, -0.8563, 41.4497)
contains.

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Color

**YUV(186.7370, -0.8563,
41.4497)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA3B9
RGB	234, 163, 185
RGB Percent	92%, 64%, 73%
CMY	0.0824, 0.3608, 0.2745
CMYK	0.00, 0.30, 0.21, 0.08
HSL	341°, 63%, 78%
HSV	341°, 30%, 92%
XYZ	55.7858, 47.1896, 52.0672
YIQ	186.7370, 35.2540, 21.8940

Conversions

Conversions Part 2

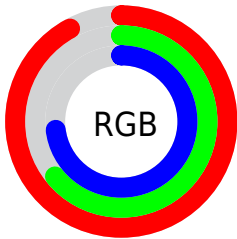
Format	Color
R _Y B	234, 163, 185
Decimal	15377337
CIE Lab	74.31, 29.36, -0.69
CIE LCh	74, 29.369, 358.654
Yxy	47.1896, 0.3598, 0.3044
Android (android.graphics.Color)	4293567417 (0xFFEAA3B9)
YUV	186.7370, -0.8563, 41.4497
Hunter-Lab	68.6947, 24.7413, 3.1474

Details

The YUV color $186.7370, -0.8563, 41.4497$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $210.2630, 0.8563, -41.4497$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.6850, 4.5923, 20.4473$, and $132.5410, -0.2667, 38.9905$ is the 20% darker color. If you saturate the color by 10%, you get $171.4120, -1.1891, 54.8897$, and if you desaturate by 10%, it is $202.0620, -0.5236, 28.0096$.

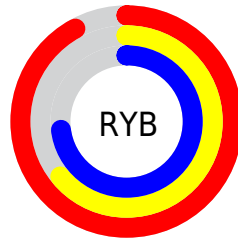
Distribution



Red (92%)

Green (64%)

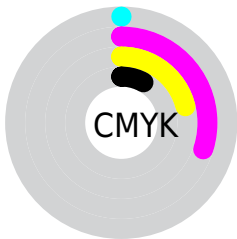
Blue (73%)



Red (92%)

Yellow (64%)

Blue (73%)

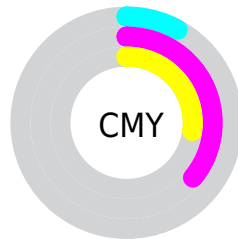


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.7370, -0.8563, 41.4497 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 186.7370, -0.8563, 41.4497 by changing the saturation by 10% instead.


 186.7370, -0.8563,
41.4497

 186.7370, -0.8563,
41.4497

255.0000, 0.0000,
0.0000

 159.1390, -0.5615,
40.2201


 231.6850, 4.5923,
20.4473


 132.5410, -0.2667,
38.9905

 250.3040, 2.3151,
4.1184

 106.9430, 0.0281,
37.7610

 82.0460, 0.4703,
35.9167

 57.5620, 1.2019,
34.5871

 33.1920, 2.3703,
33.1576

 16.2900, 0.3500,

27.8097

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 186.7370, -0.8563,
41.4497

■ 186.7370, -0.8563,
41.4497

■ 171.4120, -1.1891,
54.8897

■ 202.0620, -0.5236,
28.0096

■ 155.5000, -1.2325,
68.8445

■ 217.9740, -0.4802,
14.0548

■ 140.1750, -1.5653,
82.2845

■ 233.2990, -0.1474,
0.6148

■ 124.1490, -2.0455,
96.3393

■ 248.1510, 0.9116,
-12.4104

■ 108.8240, -2.3782,
109.7794

■ 248.7210, 3.0955,
-12.9103

■ 93.4990, -2.7110,
123.2194

■ 78.2880, -2.6070,
136.5594

Harmonies

Analogous

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



187.2540, 11.7068, 25.2102



186.7370, -0.8563, 41.4497



185.7300, -13.6709, 44.9638

Triad

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



186.7370, -0.8563, 41.4497



178.6580, -21.5234, -3.2081



172.7710, 27.2279, -53.2962

Complementary

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



186.7370, -0.8563, 41.4497



210.2630, 0.8563, -41.4497

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.



168.9520, 19.2507, -61.3479



186.7370, -0.8563, 41.4497



175.0770, -10.3910, -27.2545

Square

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



186.7370, -0.8563, 41.4497



181.6500, -25.9564, 18.7240



171.2450, 4.8092, -49.3269



180.0390, 27.5888, -28.9752

Rectangle

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



186.7370, -0.8563, 41.4497



184.2750, -20.3486, 40.1008



171.2450, 4.8092, -49.3269



171.1680, 25.0602, -58.0293

Sweetspot

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



186.7370, -0.8563, 41.4497



239.6750, -0.3328, 13.4400



185.7450, 23.7897, 23.0256



118.0550, -0.0271, 8.7218



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.



186.7370, -0.8563, 41.4497



193.8140, -0.8943, 53.6601



191.8600, -14.2280, 36.9568



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983

Inverse Universe

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



186.7370, -0.8563, 41.4497



193.8140, -0.8943, 53.6601



205.1400, 14.2280, -36.9568



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 186.7370, -0.8563, 41.4497 looks on a white background.

Color Contrast Check

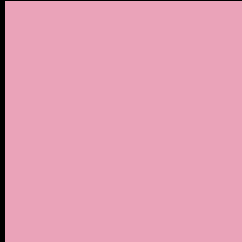
Large Text (above 18pt) WCAG AA × Fail

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 186.7370, -0.8563, 41.4497 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 186.7370, -0.8563, 41.4497

Background



This preview shows how black text looks on a background with the YUV color 186.7370, -0.8563, 41.4497.



This preview shows how white text looks on a background with the YUV color 186.7370, -0.8563,

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

186.7370, -0.8563, 41.4497

Protanopia

183.8950, 5.9678, -0.7849

Deuteranopia

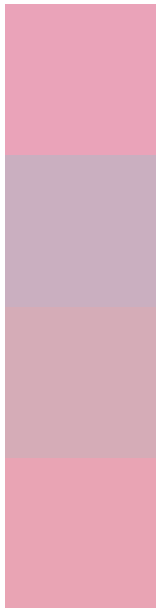
184.7460, -1.3538, 14.2548



Tritanopia

186.1130, -4.4927, 41.1199

Trichromacy



Original Color

186.7370, -0.8563, 41.4497

Protanomaly

185.0110, 3.4456, 14.8994

Deuteranomaly

185.5130, -1.2389, 24.1061

Tritanomaly

186.4550, -3.1823, 40.8200

Monochromacy



Original Color

186.7370, -0.8563, 41.4497

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6860, -0.3382, 15.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7370, -0.8563, 41.4497 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(234, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 163, 185)  
}
```

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(234, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 163, 185) }
```

Border

The CSS property to change the border of an element to YUV 186.7370, -0.8563, 41.4497 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(234, 163, 185) }
```


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

```
.border{ border-color:rgb(234, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 163,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 186.7370, -0.8563, 41.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 163, 185) }
```

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

```
.background{ background-color: rgb(234,  
163, 185) }
```

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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