

Converting Colors

YUV(185.3820, 4.2487, 37.3760)

Have a look what the booklet for
YUV(185.3820, 4.2487, 37.3760)
contains.

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Color

**YUV(185.3820, 4.2487,
37.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A2C2
RGB	228, 162, 194
RGB Percent	89%, 64%, 76%
CMY	0.1059, 0.3647, 0.2392
CMYK	0.00, 0.29, 0.15, 0.11
HSL	331°, 55%, 76%
HSV	331°, 29%, 89%
XYZ	54.6528, 46.2297, 57.0816
YIQ	185.3820, 29.0640, 23.9440

Conversions

Conversions Part 2

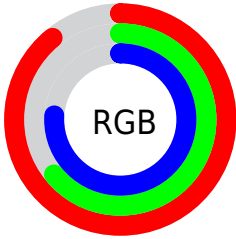
Format	Color
R _Y B	228, 162, 194
Decimal	14983874
CIE Lab	73.69, 29.16, -6.62
CIE LCh	74, 29.906, 347.211
Yxy	46.2297, 0.3460, 0.2927
Android (android.graphics.Color)	4293173954 (0xFFE4A2C2)
YUV	185.3820, 4.2487, 37.3760
Hunter-Lab	67.9924, 24.4930, -2.1810

Details

The YUV color **185.3820, 4.2487, 37.3760** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.6180, -4.2487, -37.3760**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1240, 8.8129, 20.0623**, and **131.9580, 3.9647, 35.1168** is the 20% darker color. If you saturate the color by 10%, you get **170.5130, 5.6631, 50.4161**, and if you desaturate by 10%, it is **200.2510, 2.8343, 24.3359**.

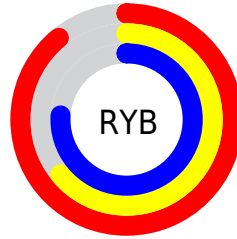
Distribution



Red (89%)

Green (64%)

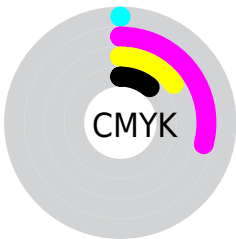
Blue (76%)



Red (89%)

Yellow (64%)

Blue (76%)

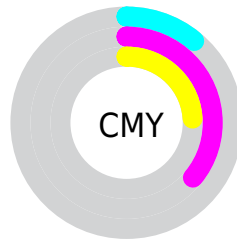


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3820, 4.2487, 37.3760 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 185.3820, 4.2487, 37.3760 by changing the saturation by 10% instead.


 185.3820, 4.2487,
37.3760


 185.3820, 4.2487,
37.3760


255.0000, 0.0000,
0.0000


 157.7840, 4.5435,
36.1464

 232.1240, 8.8129,
20.0623

 131.9580, 3.9647,
35.1168

 249.7170, 2.6045,
4.6332

 106.0610, 4.4069,
33.2725

 80.7620, 4.5543,
32.6577

 56.8650, 4.9966,
30.8134

 32.7940, 6.0176,
29.9987

 16.1910, 3.8498,

25.2655

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 185.3820, 4.2487,
37.3760

■ 185.3820, 4.2487,
37.3760

■ 170.5130, 5.6631,
50.4161

■ 200.2510, 2.8343,
24.3359

■ 155.7580, 7.5143,
63.3562

■ 215.0060, 0.9830,
11.3957

■ 141.4760, 8.6393,
75.8815

■ 229.2880, -0.1420,
-1.1296

■ 126.6070, 10.0537,
88.9217

■ 244.1570, -1.5564,
-14.1697

■ 111.7380, 11.4682,
101.9618

■ 246.6990, 3.1064,
-16.3990

■ 96.9830, 13.3194,
114.9019

■ 246.9270, 3.9800,
-16.5990

■ 82.1140, 14.7338,
127.9420

■ 80.8260, 14.8758,
129.0716

Harmonies

Analogous

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



185.1650, 16.6807, 16.5183



185.3820, 4.2487, 37.3760



183.9950, -8.8715, 45.6084

Triad

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



185.3820, 4.2487, 37.3760



177.6160, -24.4607, 5.5988



168.2710, 25.5024, -59.8737

Complementary

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



185.3820, 4.2487, 37.3760



204.6180, -4.2487, -37.3760

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.



166.9970, 14.2985, -59.6334



185.3820, 4.2487, 37.3760



174.1660, -15.3648, -18.5626

Square

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



185.3820, 4.2487, 37.3760



180.4060, -25.8362, 26.8309



170.6820, -1.3222, -42.6941



175.0160, 29.0791, -40.3560

Rectangle

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



185.3820, 4.2487, 37.3760



183.2200, -16.8705, 44.5341



170.6820, -1.3222, -42.6941



167.4510, 22.4557, -62.6625

Sweetspot

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



185.3820, 4.2487, 37.3760



240.1310, 1.4144, 13.0401



179.3910, 23.9642, 13.6891



118.2830, 0.8465, 8.5218



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.



185.3820, 4.2487, 37.3760



197.5130, 5.6631, 50.4161



181.7340, -9.7289, 40.5753



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Inverse Universe

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



185.3820, 4.2487, 37.3760



197.5130, 5.6631, 50.4161



208.2660, 9.7289, -40.5753



107.2720, 0.8519, 6.7775



63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 185.3820, 4.2487, 37.3760 looks on a white background.

Color Contrast Check

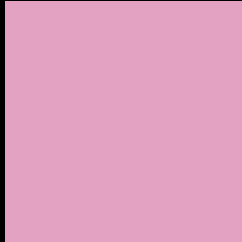
Large Text (above 18pt) WCAG AA × Fail

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 185.3820, 4.2487, 37.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

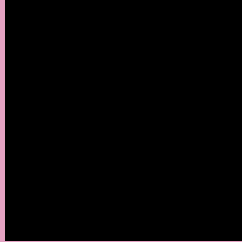
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.3820, 4.2487, 37.3760

Background



This preview shows how black text looks on a background with the YUV color 185.3820, 4.2487, 37.3760.



This preview shows how white text looks on a background with the YUV color 185.3820, 4.2487,

37.3760.

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

185.3820, 4.2487, 37.3760

Protanopia

182.2520, 11.2148, -3.7290

Deuteranopia

183.0920, 3.8986, 9.5663



Tritanopia

184.7210, -3.3135, 36.2017

Trichromacy



Original Color

185.3820, 4.2487, 37.3760

Protanomaly

183.0690, 8.8400, 11.3405

Deuteranomaly

183.8590, 4.0135, 19.4177

Tritanomaly

185.1170, -0.5507, 36.7314

Monochromacy



Original Color

185.3820, 4.2487, 37.3760

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.4300, 1.2670, 13.6549

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3820, 4.2487, 37.3760 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(228, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(228, 162, 194)  
}
```

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(228, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 162, 194) }
```

Border

The CSS property to change the border of an element to YUV 185.3820, 4.2487, 37.3760 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(228, 162, 194) }
```


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

```
.border{ border-color:rgb(228, 162, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 162, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(228, 162,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 185.3820, 4.2487, 37.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 162, 194) }
```

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

```
.background{ background-color: rgb(228,  
162, 194) }
```

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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