

Converting Colors

YUV(188.2460, 3.8227, 33.9873)

Have a look what the booklet for
YUV(188.2460, 3.8227, 33.9873)
contains.

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Color

**YUV(188.2460, 3.8227,
33.9873)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E3A7C4 |
| RGB | 227, 167, 196 |
| RGB Percent | 89%, 65%, 77% |
| CMY | 0.1098, 0.3451, 0.2314 |
| CMYK | 0.00, 0.26, 0.14, 0.11 |
| HSL | 331°, 52%, 77% |
| HSV | 331°, 26%, 89% |
| XYZ | 55.4611, 47.9538, 58.5575 |
| YIQ | 188.2460, 26.4510, 21.7390 |

Conversions

Conversions Part 2

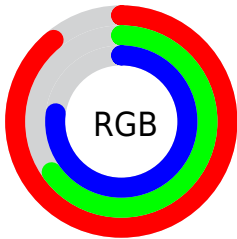
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 167, 196 |
| Decimal | 14919620 |
| CIE Lab | 74.80, 26.46, -6.10 |
| CIE LCh | 75, 27.150, 347.018 |
| Yxy | 47.9538, 0.3424, 0.2961 |
| Android (android.graphics.Color) | 4293109700 (0xFFE3A7C4) |
| YUV | 188.2460, 3.8227, 33.9873 |
| Hunter-Lab | 69.2487, 21.7748, -1.6622 |

Details

The YUV color **188.2460, 3.8227, 33.9873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.7540, -3.8227, -33.9873**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9880, 8.3869, 16.6735**, and **134.2350, 3.8281, 32.2429** is the 20% darker color. If you saturate the color by 10%, you get **173.3770, 5.2371, 47.0274**, and if you desaturate by 10%, it is **203.1150, 2.4083, 20.9471**.

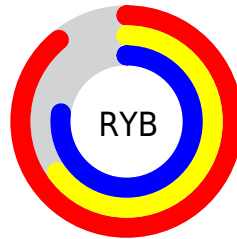
Distribution



Red (89%)

Green (65%)

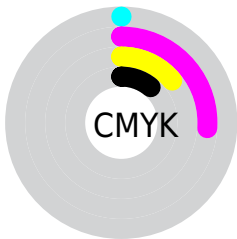
Blue (77%)



Red (89%)

Yellow (65%)

Blue (77%)

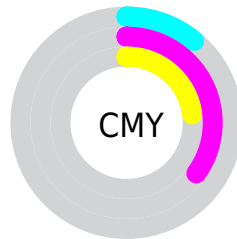


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2460, 3.8227, 33.9873 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 188.2460, 3.8227, 33.9873 by changing the saturation by 10% instead.

 188.2460, 3.8227,
33.9873


 188.2460, 3.8227,
33.9873

255.0000, 0.0000,
0.0000


 160.9470, 3.9701,
33.3725

 235.9880, 8.3869,
16.6735


 134.2350, 3.8281,
32.2429

 252.6520, 1.1576,
2.0592

 108.6370, 4.1230,
31.0134

 83.6260, 4.1284,
29.2690

 60.0280, 4.4232,
28.0394

 36.4300, 4.7180,
26.8099

 16.1200, 4.8708,

24.4508

■ 2.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 188.2460, 3.8227,
33.9873

■ 188.2460, 3.8227,
33.9873

■ 173.3770, 5.2371,
47.0274

■ 203.1150, 2.4083,
20.9471

■ 159.2090, 6.7990,
59.4527

■ 217.2830, 0.8465,
8.5218

■ 144.3400, 8.2134,
72.4928

■ 232.1520, -0.5679,
-4.5183

■ 129.4710, 9.6278,
85.5329

■ 245.2600, -1.1142,
-16.0140

■ 115.1890, 10.7528,
98.0582

■ 246.6280, 4.1274,
-17.2138

■ 100.4340, 12.6040,
110.9984

■ 85.5650, 14.0185,
124.0385

■ 80.4130, 14.5864,
128.5568

Harmonies

Analogous

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



187.6980, 14.9389, 15.1739



188.2460, 3.8227, 33.9873



187.2010, -7.9871, 41.9197

Triad

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



188.2460, 3.8227, 33.9873



181.4850, -22.4241, 5.7137



173.6310, 22.8599, -52.2964

Complementary

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



188.2460, 3.8227, 33.9873



205.7540, -3.8227, -33.9873

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.



172.2860, 12.6770, -52.8708



188.2460, 3.8227, 33.9873



178.4050, -14.4967, -17.0182

Square

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



188.2460, 3.8227, 33.9873



183.9650, -23.6467, 24.5867



174.7150, -1.3385, -37.4611



179.2400, 26.0107, -36.1675

Rectangle

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



188.2460, 3.8227, 33.9873



186.5400, -15.5492, 40.7454



174.7150, -1.3385, -37.4611



172.8110, 19.8132, -55.0852

Sweetspot

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



188.2460, 3.8227, 33.9873



242.0060, 0.9830, 11.3957



183.1090, 21.6383, 13.0594



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.



188.2460, 3.8227, 33.9873



202.0780, 5.3845, 46.4126



185.5270, -9.1338, 36.3718



107.2720, 0.8519, 6.7775



63.3250, 11.1788, 101.4470



18.0990, 3.4022, 28.8542

Inverse Universe

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



188.2460, 3.8227, 33.9873



202.0780, 5.3845, 46.4126



208.4730, 9.1338, -36.3718



107.2720, 0.8519, 6.7775



63.3250, 11.1788, 101.4470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 188.2460, 3.8227, 33.9873 looks on a white background.

Color Contrast Check

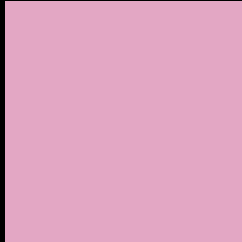
Large Text (above 18pt) WCAG AA × Fail

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 188.2460, 3.8227, 33.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

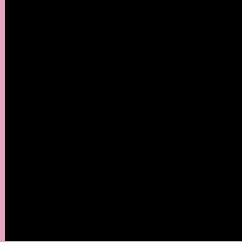
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2460, 3.8227, 33.9873

Background



This preview shows how black text looks on a background with the YUV color 188.2460, 3.8227, 33.9873.



This preview shows how white text looks on a background with the YUV color 188.2460, 3.8227,

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

188.2460, 3.8227, 33.9873

Protanopia

185.0240, 10.3412, -3.5290

Deuteranopia

186.3910, 3.7512, 10.1811



Tritanopia

187.2260, -2.5764, 33.1278

Trichromacy



Original Color

188.2460, 3.8227, 33.9873

Protanomaly

186.1290, 7.8244, 10.4109

Deuteranomaly

187.4460, 3.7241, 18.9029

Tritanomaly

187.5080, -0.2504, 33.7575

Monochromacy



Original Color

188.2460, 3.8227, 33.9873

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8320, 1.5618, 12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2460, 3.8227, 33.9873 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(227, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 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(227, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 196) }
```

Border

The CSS property to change the border of an element to YUV 188.2460, 3.8227, 33.9873 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(227, 167, 196) }
```


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

```
.border{ border-color:rgb(227, 167, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 167, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 167, 196); box-shadow:4px 4px 4px 4px rgb(227, 167, 196) }
```

Background

The CSS property to change the background color of an element to YUV 188.2460, 3.8227, 33.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 196) }
```

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

```
.background{ background-color: rgb(227,  
167, 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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