

Converting Colors

YUV(187.5100, -6.6604,
36.3867)

Have a look what the booklet for
YUV(187.5100, -6.6604, 36.3867)
contains.

YUV(187.5100, -6.6604, 36.3867)	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(187.5100, -6.6604,
36.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A9AE
RGB	229, 169, 174
RGB Percent	90%, 66%, 68%
CMY	0.1020, 0.3373, 0.3176
CMYK	0.00, 0.26, 0.24, 0.10
HSL	355°, 54%, 78%
HSV	355°, 26%, 90%
XYZ	54.1410, 48.0899, 46.4731
YIQ	187.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

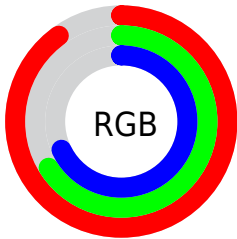
Format	Color
R _Y B	229, 169, 174
Decimal	15051182
CIE Lab	74.88, 22.74, 6.11
CIE LCh	75, 23.551, 15.034
Yxy	48.0899, 0.3641, 0.3234
Android (android.graphics.Color)	4293241262 (0xFFE5A9AE)
YUV	187.5100, -6.6604, 36.3867
Hunter-Lab	69.3469, 18.0028, 8.8094

Details

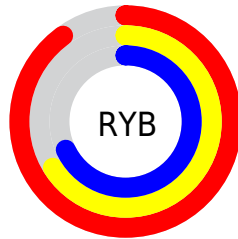
The YUV color **187.5100, -6.6604, 36.3867** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **210.4900, 6.6604, -36.3867**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4260, -2.6750, 18.0434**, and **133.4280, -5.6340, 33.8276** is the 20% darker color. If you saturate the color by 10%, you get **171.6150, -9.1772, 50.3266**, and if you desaturate by 10%, it is **203.4050, -4.1437, 22.4468**.

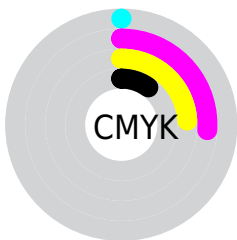
Distribution



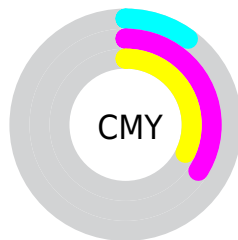
- Red (90%)
- Green (66%)
- Blue (68%)



- Red (90%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.5100, -6.6604, 36.3867 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 187.5100, -6.6604, 36.3867 by changing the saturation by 10% instead.


 187.5100, -6.6604,
36.3867


 187.5100, -6.6604,
36.3867

255.0000, 0.0000,
0.0000


 159.9120, -6.3656,
35.1572


 234.4260, -2.6750,
18.0434


 133.4280, -5.6340,
33.8276

 253.8260, 0.5788,
1.0296

 107.8300, -5.3392,
32.5981

 83.2320, -5.0444,
31.3685

 59.4490, -4.1654,
29.4242

 36.6660, -3.2863,
27.4799

 13.9110, -4.8861,

27.2651

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 187.5100, -6.6604,
36.3867

■ 187.5100, -6.6604,
36.3867

■ 171.6150, -9.1772,
50.3266

■ 203.4050, -4.1437,
22.4468

■ 155.7200,
-11.6940, 64.2666

■ 219.3000, -1.6269,
8.5069

■ 139.8250,
-14.2107, 78.2065

■ 235.1950, 0.8899,
-5.4330

■ 123.9300,
-16.7275, 92.1464

■ 247.2260, 3.8326,
-15.9842

■ 108.0350,
-19.2443, 106.0863

■ 92.7270, -22.0504,
119.5114

■ 76.8320, -24.5672,
133.4513

■ 70.6370, -25.4570,
138.8844

Harmonies

Analogous

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



188.2130, 3.8390, 28.7542



187.5100, -6.6604, 36.3867



186.4960, -15.5275, 33.7680

Triad

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



187.5100, -6.6604, 36.3867



179.4810, -13.0551, -12.6998



180.6490, 22.3580, -31.2642

Complementary

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



187.5100, -6.6604, 36.3867



210.4900, 6.6604, -36.3867

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.



176.5350, 18.4702, -44.3192



187.5100, -6.6604, 36.3867



176.8190, -2.3758, -31.4133

Square

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



187.5100, -6.6604, 36.3867



181.8810, -19.6613, 6.2434



175.2440, 9.7397, -44.0640



184.9120, 20.2564, -10.4468

Rectangle

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



187.5100, -6.6604, 36.3867



185.1270, -19.2896, 27.0756



175.2440, 9.7397, -44.0640



178.5020, 21.9375, -36.3973

Sweetspot

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



187.5100, -6.6604, 36.3867



241.0940, -2.5113, 12.1956



192.2850, 18.1005, 27.8141



119.0010, -1.4795, 7.8921



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.



187.5100, -6.6604, 36.3867



200.4190, -8.5876, 47.8675



201.6150, -16.0792, 24.0166



106.7020, -1.3321, 7.2773



55.2310, -19.8339, 108.5454



15.7050, -5.7706, 30.9537

Inverse Universe

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



187.5100, -6.6604, 36.3867



200.4190, -8.5876, 47.8675



196.3850, 16.0792, -24.0166



106.7020, -1.3321, 7.2773



55.2310, -19.8339, 108.5454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 187.5100, -6.6604, 36.3867 looks on a white background.

Color Contrast Check

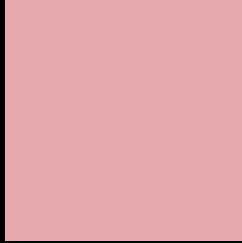
Large Text (above 18pt) WCAG AA × Fail

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 187.5100, -6.6604, 36.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

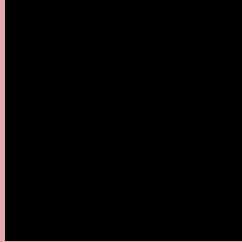
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.5100, -6.6604, 36.3867

Background



This preview shows how black text looks on a background with the YUV color 187.5100, -6.6604, 36.3867.



This preview shows how white text looks on a background with the YUV color 187.5100, -6.6604,

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

187.5100, -6.6604, 36.3867

Protanopia

184.9680, -1.4632, 2.6591

Deuteranopia

185.9870, -6.8956, 18.4284



Tritanopia

188.0200, -3.4609, 36.8165

Trichromacy



Original Color

187.5100, -6.6604, 36.3867

Protanomaly

186.1760, -3.5378, 14.7546

Deuteranomaly

186.7320, -6.7699, 24.7910

Tritanomaly

187.6780, -4.7713, 37.1164

Monochromacy



Original Color

187.5100, -6.6604, 36.3867

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.5100, -6.6604, 36.3867 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(229, 169, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 169, 174)  
}
```

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(229, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 169, 174) }
```

Border

The CSS property to change the border of an element to YUV 187.5100, -6.6604, 36.3867 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(229, 169, 174) }
```


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

```
.border{ border-color:rgb(229, 169, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 169, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 169,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 187.5100, -6.6604, 36.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 169, 174) }
```

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

```
.background{ background-color: rgb(229,  
169, 174) }
```

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