

Converting Colors

YUV(187.0090, -3.4554,
35.0721)

Have a look what the booklet for
YUV(187.0090, -3.4554, 35.0721)
contains.

YUV(187.0090, -3.4554, 35.0721)	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(187.0090, -3.4554,
35.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A8B4
RGB	227, 168, 180
RGB Percent	89%, 66%, 71%
CMY	0.1098, 0.3412, 0.2941
CMYK	0.00, 0.26, 0.21, 0.11
HSL	348°, 51%, 77%
HSV	348°, 26%, 89%
XYZ	53.9194, 47.6314, 49.5319
YIQ	187.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

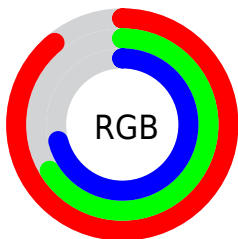
Format	Color
R _Y B	227, 168, 180
Decimal	14919860
CIE Lab	74.59, 23.43, 2.38
CIE LCh	75, 23.548, 5.790
Yxy	47.6314, 0.3569, 0.3153
Android (android.graphics.Color)	4293109940 (0xFFE3A8B4)
YUV	187.0090, -3.4554, 35.0721
Hunter-Lab	69.0155, 18.6786, 5.7589

Details

The YUV color **187.0090, -3.4554, 35.0721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **207.9910, 3.4554, -35.0721**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0500, 0.9614, 18.3732**, and **133.6990, -3.3026, 32.7130** is the 20% darker color. If you saturate the color by 10%, you get **171.4560, -4.6618, 48.7121**, and if you desaturate by 10%, it is **202.5620, -2.2491, 21.4321**.

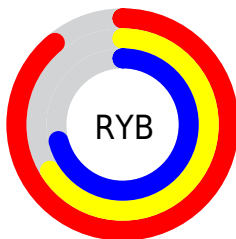
Distribution



Red (89%)

Green (66%)

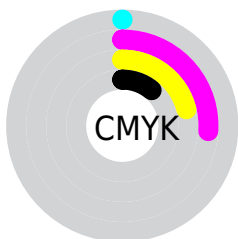
Blue (71%)



Red (89%)

Yellow (66%)

Blue (71%)

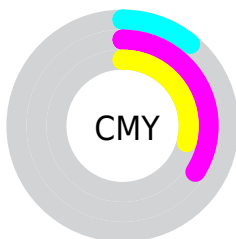


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.0090, -3.4554, 35.0721 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 187.0090, -3.4554, 35.0721 by changing the saturation by 10% instead.


 187.0090, -3.4554,
35.0721

 187.0090, -3.4554,
35.0721

255.0000, 0.0000,
0.0000


 159.7100, -3.3080,
34.4573


 234.0500, 0.9614,
18.3732


 133.6990, -3.3026,
32.7130

 253.2390, 0.8682,
1.5444

 107.8020, -2.8604,
30.8686

 83.2040, -2.5656,
29.6391

 58.8340, -1.3972,
28.2096

 36.2360, -1.1023,
26.9800

 14.5240, -1.2443,

25.8505

■ 0.0000, 0.0000,
0.0000

■ 187.0090, -3.4554,
35.0721

■ 187.0090, -3.4554,
35.0721

■ 171.4560, -4.6618,
48.7121

■ 202.5620, -2.2491,
21.4321

■ 156.4900, -6.1576,
61.8373

■ 217.5280, -0.7533,
8.3069

■ 140.9370, -7.3639,
75.4773

■ 233.0810, 0.4531,
-5.3330

■ 125.3840, -8.5703,
89.1172

■ 246.2860, 2.8170,
-16.9138

■ 109.8310, -9.7767,
102.7572

■ 246.6280, 4.1274,
-17.2138

■ 94.8650, -11.2724,
115.8824

■ 79.1980, -12.9156,
129.6224

■ 73.1170, -13.3687,
134.9554

Harmonies

Analogous

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



187.1030, 7.3442, 24.4657



187.0090, -3.4554, 35.0721



185.7890, -13.2070, 36.1420

Triad

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



187.0090, -3.4554, 35.0721



179.8300, -15.6922, -6.8669



178.0890, 21.6481, -36.9121

Complementary

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



187.0090, -3.4554, 35.0721



207.9910, 3.4554, -35.0721

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.



174.9540, 16.2917, -45.5637



187.0090, -3.4554, 35.0721



176.6410, -5.7390, -25.9952

Square

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



187.0090, -3.4554, 35.0721



181.9850, -20.6986, 12.2912



174.6420, 6.0925, -40.9050



182.5090, 21.4411, -17.1094

Rectangle

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



187.0090, -3.4554, 35.0721



184.9040, -17.7007, 30.7792



174.6420, 6.0925, -40.9050



176.5400, 20.9328, -40.8156

Sweetspot

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



187.0090, -3.4554, 35.0721



241.4360, -1.2009, 11.8956



188.4800, 18.9904, 22.3810



119.1150, -1.0427, 7.7921



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.



187.0090, -3.4554, 35.0721



201.4450, -4.6564, 46.9677



195.6200, -13.6167, 27.5203



106.9300, -0.4585, 7.0774



57.6250, -10.6611, 106.4459



16.3890, -3.1498, 30.3538

Inverse Universe

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



187.0090, -3.4554, 35.0721



201.4450, -4.6564, 46.9677



199.3800, 13.6167, -27.5203



106.9300, -0.4585, 7.0774



57.6250, -10.6611, 106.4459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 187.0090, -3.4554, 35.0721 looks on a white background.

Color Contrast Check

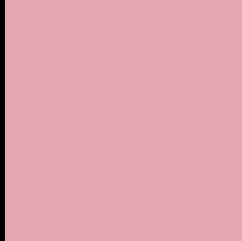
Large Text (above 18pt) WCAG AA × Fail

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 187.0090, -3.4554, 35.0721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

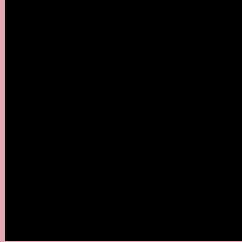
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0090, -3.4554, 35.0721

Background



This preview shows how black text looks on a background with the YUV color 187.0090, -3.4554, 35.0721.



This preview shows how white text looks on a background with the YUV color 187.0090, -3.4554,

35.0721.

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

187.0090, -3.4554, 35.0721

Protanopia

184.5810, 2.1786, 1.2445

Deuteranopia

185.7740, -3.8326, 15.9842



Tritanopia

187.1230, -3.0186, 34.9721

Trichromacy



Original Color

187.0090, -3.4554, 35.0721

Protanomaly

185.7890, 0.1040, 13.3400

Deuteranomaly

185.9320, -3.4175, 22.8616

Tritanomaly

187.1230, -3.0186, 34.9721

Monochromacy



Original Color

187.0090, -3.4554, 35.0721

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0090, -3.4554, 35.0721 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, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 180)  
}
```

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, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 180) }
```

Border

The CSS property to change the border of an element to YUV 187.0090, -3.4554, 35.0721 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, 168, 180) }
```


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

```
.border{ border-color:rgb(227, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 187.0090, -3.4554, 35.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 180) }
```

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

```
.background{ background-color: rgb(227,  
168, 180) }
```

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