

Converting Colors

YUV(189.3050, -12.4754,
34.8125)

Have a look what the booklet for
YUV(189.3050, -12.4754, 34.8125)
contains.

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Color

**YUV(189.3050, -12.4754,
34.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AEA4
RGB	229, 174, 164
RGB Percent	90%, 68%, 64%
CMY	0.1020, 0.3176, 0.3569
CMYK	0.00, 0.24, 0.28, 0.10
HSL	9°, 56%, 77%
HSV	9°, 28%, 90%
XYZ	54.1500, 49.6105, 41.8437
YIQ	189.3050, 35.9900, 8.5500

Conversions

Conversions Part 2

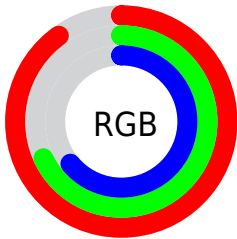
Format	Color
R _Y B	229, 176, 164
Decimal	15052452
CIE Lab	75.83, 18.68, 12.92
CIE LCh	76, 22.714, 34.665
Yxy	49.6105, 0.3719, 0.3407
Android (android.graphics.Color)	4293242532 (0xFFE5AEA4)
YUV	189.3050, -12.4754, 34.8125
Hunter-Lab	70.4347, 13.9696, 14.0814

Details

The YUV color $189.3050, -12.4754, 34.8125$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $203.6950, 12.4754, -34.8125$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2210, -8.4900, 16.4692$, and $135.2230, -11.4489, 32.2534$ is the 20% darker color. If you saturate the color by 10%, you get $175.5300, -17.0233, 46.8932$, and if you desaturate by 10%, it is $203.0800, -7.9274, 22.7318$.

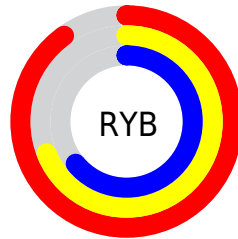
Distribution



Red (90%)

Green (68%)

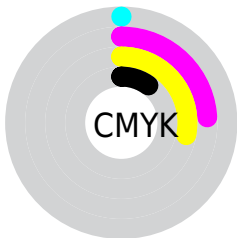
Blue (64%)



Red (90%)

Yellow (69%)

Blue (64%)

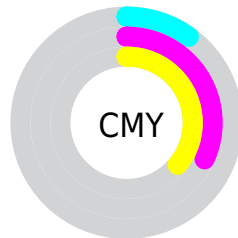


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3050, -12.4754, 34.8125 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 189.3050, -12.4754, 34.8125 by changing the saturation by 10% instead.

■ 189.3050,
-12.4754, 34.8125

■ 189.3050,
-12.4754, 34.8125

255.0000, 0.0000,
0.0000

■ 161.8210,
-11.7438, 33.4830

■ 236.2210, -8.4900,
16.4692

■ 135.2230,
-11.4489, 32.2534

■ 254.0880, -3.4944,
0.7998

■ 109.7390,
-10.7173, 30.9239

■ 84.9560, -9.8383,
28.9796

■ 61.0590, -9.3961,
27.1353

■ 38.3900, -8.0803,
25.0910

■ 16.0910, -7.9329,

24.4762

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 189.3050,
-12.4754, 34.8125

■ 189.3050,
-12.4754, 34.8125

■ 175.5300,
-17.0233, 46.8932

■ 203.0800, -7.9274,
22.7318

■ 161.1680,
-21.2818, 59.4887

■ 217.4420, -3.6689,
10.1364

■ 147.3930,
-25.8297, 71.5693

■ 231.2170, 0.8790,
-1.9443

■ 133.0310,
-30.0883, 84.1648

■ 245.4650, 4.7008,
-14.4398

■ 119.2560,
-34.6362, 96.2455

■ 247.2260, 3.8326,
-15.9842

■ 105.5950,
-38.7473, 108.2262

■ 91.2330, -43.0059,
120.8217

■ 89.0160, -43.8849,
122.7660

Harmonies

Analogous

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



190.4110, -3.1606, 33.8426



189.3050, -12.4754, 34.8125



187.9420, -18.7054, 26.3609

Triad

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



189.3050, -12.4754, 34.8125



180.5380, -6.1812, -24.1508



186.2810, 20.5675, -16.9094

Complementary

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



189.3050, -12.4754, 34.8125



203.6950, 12.4754, -34.8125

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.



181.5730, 20.9165, -35.5825



189.3050, -12.4754, 34.8125



178.5390, 5.6503, -39.0607

Square

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



189.3050, -12.4754, 34.8125



183.2430, -15.4028, -6.3521



178.7370, 15.4127, -43.6193



189.1590, 15.6976, 5.1226

Rectangle

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



189.3050, -12.4754, 34.8125



186.1320, -20.2781, 17.4242



178.7370, 15.4127, -43.6193



184.4650, 21.4628, -24.0868

Sweetspot

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



189.3050, -12.4754, 34.8125



241.2250, -4.5479, 12.0807



189.7050, 14.4424, 34.4617



119.2460, -3.0793, 7.6773



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.



189.3050, -12.4754, 34.8125



202.2310, -16.8759, 46.2784



208.0890, -21.7359, 18.3389



107.7620, -2.3477, 6.3477



69.3700, -34.1994, 96.1455



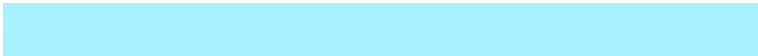
19.9450, -9.8329, 27.2352

Inverse Universe

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



203.6950, 12.4754, -34.8125



221.3560, 16.5865, -46.7932



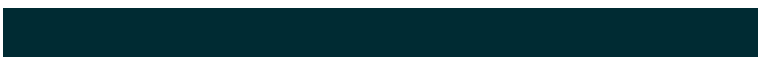
184.9110, 21.7359, -18.3389



110.2380, 2.3477, -6.3477



109.0430, 34.4888, -95.6307



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 189.3050, -12.4754, 34.8125 looks on a white background.

Color Contrast Check

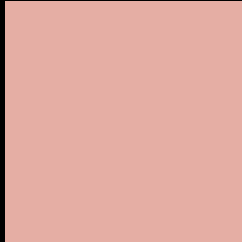
Large Text (above 18pt) WCAG AA × Fail

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 189.3050, -12.4754, 34.8125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

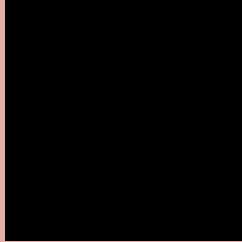
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3050, -12.4754, 34.8125

Background



This preview shows how black text looks on a background with the YUV color 189.3050, -12.4754, 34.8125.



This preview shows how white text looks on a background with the YUV color 189.3050, -12.4754,

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

189.3050, -12.4754, 34.8125

Protanopia

187.2690, -8.0206, 5.9031

Deuteranopia

188.2280, -12.4374, 22.6020



Tritanopia

190.4220, -3.1660, 35.5869

Trichromacy



Original Color

189.3050, -12.4754, 34.8125

Protanomaly

187.8790, -9.8003, 16.7691

Deuteranomaly

188.5490, -12.5957, 26.7055

Tritanomaly

189.9120, -6.3656, 35.1572

Monochromacy



Original Color

189.3050, -12.4754, 34.8125

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.5240, -4.6953, 12.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3050, -12.4754, 34.8125 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, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 164)  
}
```

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, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 164) }
```

Border

The CSS property to change the border of an element to YUV 189.3050, -12.4754, 34.8125 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, 174, 164) }
```


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

```
.border{ border-color:rgb(229, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 189.3050, -12.4754, 34.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 164) }
```

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

```
.background{ background-color: rgb(229,  
174, 164) }
```

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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