

Converting Colors

YUV(212.5450, -19.9887,
17.9390)

Have a look what the booklet for
YUV(212.5450, -19.9887, 17.9390)
contains.

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Color

**YUV(212.5450, -19.9887,
17.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D2AC
RGB	233, 210, 172
RGB Percent	91%, 82%, 67%
CMY	0.0863, 0.1765, 0.3255
CMYK	0.00, 0.10, 0.26, 0.09
HSL	37°, 58%, 79%
HSV	37°, 26%, 91%
XYZ	64.0973, 66.3954, 48.4670
YIQ	212.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

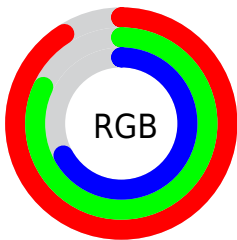
Format	Color
R _Y B	209, 233, 172
Decimal	15323820
CIE Lab	85.20, 2.27, 21.77
CIE LCh	85, 21.890, 84.047
Yxy	66.3954, 0.3582, 0.3710
Android (android.graphics.Color)	4293513900 (0xFFE9D2AC)
YUV	212.5450, -19.9887, 17.9390
Hunter-Lab	81.4834, -2.1824, 21.7721

Details

The YUV color $212.5450, -19.9887, 17.9390$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $192.4550, 19.9887, -17.9390$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $158.1750, -18.8203, 16.5095$ is the 20% darker color. If you saturate the color by 10%, you get $204.6400, -27.4305, 24.8717$, and if you desaturate by 10%, it is $220.4500, -12.5468, 11.0064$.

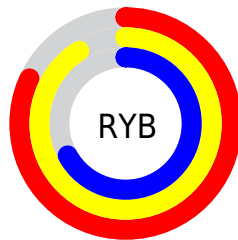
Distribution



Red (91%)

Green (82%)

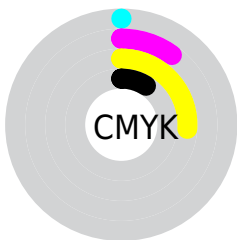
Blue (67%)



Red (82%)

Yellow (91%)

Blue (67%)

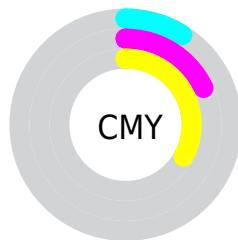


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5450, -19.9887, 17.9390 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 212.5450, -19.9887, 17.9390 by changing the saturation by 10% instead.

■ 212.5450,
-19.9887, 17.9390

■ 212.5450,
-19.9887, 17.9390

255.0000, 0.0000,
0.0000

■ 184.3600,
-19.4045, 17.2243

■ 251.9220,
-11.7935, 2.6994

■ 158.1750,
-18.8203, 16.5095

■ 131.9900,
-18.2361, 15.7948

■ 106.5060,
-17.5045, 14.4652

■ 82.3210, -16.9203,
13.7505

■ 58.8370, -16.1886,
12.4210

■ 36.1960, -17.3516,

12.1061

■ 16.8780, -8.3209,
8.8770

■ 0.0000, 0.0000,
0.0000

■ 212.5450,
-19.9887, 17.9390

■ 212.5450,
-19.9887, 17.9390

■ 204.6400,
-27.4305, 24.8717

■ 220.4500,
-12.5468, 11.0064

■ 196.6210,
-35.3092, 31.9044

■ 228.4690, -4.6682,
3.9737

■ 189.3030,
-43.0404, 38.3223

■ 235.7870, 3.0630,
-2.4442

■ 181.3980,
-50.4822, 45.2550

■ 242.5520, 6.1369,
-8.3771

■ 173.4930,
-57.9240, 52.1876

■ 247.8350, 3.5323,
-13.0103

■ 165.4740,
-65.8027, 59.2203

■ 248.4220, 3.2430,
-13.5251

■ 158.1560,
-73.5339, 65.6382

■ 154.7820,
-76.3075, 68.5972

Harmonies

Analogous

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



214.1320, -16.8271, 30.5792



212.5450, -19.9887, 17.9390



210.4180, -17.4611, 0.5104

Triad

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



212.5450, -19.9887, 17.9390



204.5370, 12.0603, -41.6899



216.1560, 10.2761, 17.4032

Complementary

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



212.5450, -19.9887, 17.9390



192.4550, 19.9887, -17.9390

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.



214.2720, 17.6139, -2.8695



212.5450, -19.9887, 17.9390



206.5080, 19.4696, -38.1565

Square

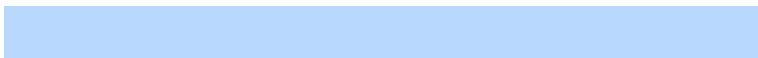
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.5450, -19.9887, 17.9390



205.7200, 1.1240, -33.9574



210.6500, 20.8785, -23.3721



217.0130, 0.4866, 30.6836

Rectangle

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



212.5450, -19.9887, 17.9390



208.3070, -12.4764, -11.6702



210.6500, 20.8785, -23.3721



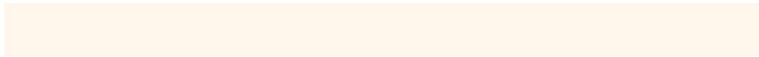
215.6220, 13.4974, 10.8555

Sweetspot

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



212.5450, -19.9887, 17.9390



248.0240, -6.4208, 6.1180



192.8610, 1.0545, 35.2019



123.5830, -4.2314, 3.8737



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.



212.5450, -19.9887, 17.9390



228.3840, -25.8253, 23.3422



223.9530, -25.6128, 1.7952



113.3980, -3.6472, 3.1590



120.4500, -59.3819, 53.1023



35.5170, -17.5099, 16.2096

Inverse Universe

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



192.4550, 19.9887, -17.9390



202.6160, 25.8253, -23.3422



181.0470, 25.6128, -1.7952



109.6020, 3.6472, -3.1590



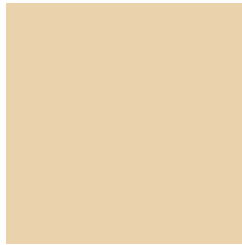
60.5500, 59.3819, -53.1023



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 212.5450, -19.9887, 17.9390 looks on a white background.

Color Contrast Check

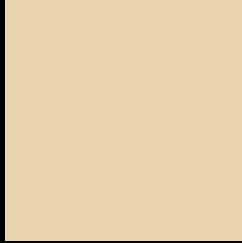
Large Text (above 18pt) WCAG AA × Fail

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 212.5450, -19.9887, 17.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

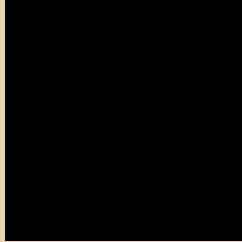
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.5450, -19.9887, 17.9390

Background



This preview shows how black text looks on a background with the YUV color 212.5450, -19.9887, 17.9390.



This preview shows how white text looks on a background with the YUV color 212.5450, -19.9887, 17.9390.

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

212.5450, -19.9887, 17.9390

Protanopia

211.7400, -19.0988, 12.5060

Deuteranopia

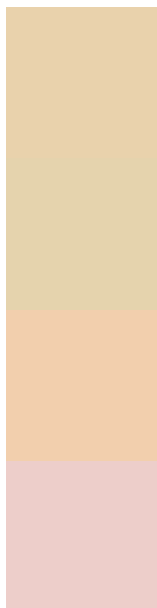
213.9100, -20.1686, 29.0199



Tritanopia

215.5880, 1.6821, 20.5323

Trichromacy



Original Color

212.5450, -19.9887, 17.9390

Protanomaly

212.0500, -19.2517, 14.8651

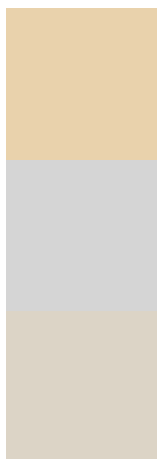
Deuteranomaly

213.5890, -20.0104, 24.9164

Tritanomaly

214.8130, -6.3168, 19.4580

Monochromacy



Original Color

212.5450, -19.9887, 17.9390

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7960, -7.2944, 6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5450, -19.9887, 17.9390 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(233, 210, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 210, 172)  
}
```

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(233, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 210, 172) }
```

Border

The CSS property to change the border of an element to YUV 212.5450, -19.9887, 17.9390 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(233, 210, 172) }
```


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

```
.border{ border-color:rgb(233, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 210,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 212.5450, -19.9887, 17.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 210, 172) }
```

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

```
.background{ background-color: rgb(233,  
210, 172) }
```

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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