

Converting Colors

YUV(205.1130, -28.1567,
24.4569)

Have a look what the booklet for
YUV(205.1130, -28.1567, 24.4569)
contains.

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Color

**YUV(205.1130, -28.1567,
24.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CA94
RGB	233, 202, 148
RGB Percent	91%, 79%, 58%
CMY	0.0863, 0.2078, 0.4196
CMYK	0.00, 0.13, 0.36, 0.09
HSL	38°, 66%, 75%
HSV	38°, 36%, 91%
XYZ	60.0701, 61.7028, 36.7608
YIQ	205.1130, 35.8100, -10.2220

Conversions

Conversions Part 2

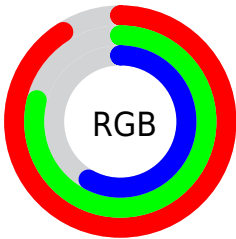
Format	Color
R _Y B	197, 233, 148
Decimal	15321748
CIE Lab	82.76, 3.42, 31.00
CIE LCh	83, 31.191, 83.712
Yxy	61.7028, 0.3789, 0.3892
Android (android.graphics.Color)	4293511828 (0xFFE9CA94)
YUV	205.1130, -28.1567, 24.4569
Hunter-Lab	78.5511, -0.9609, 27.2390

Details

The YUV color $205.1130, -28.1567, 24.4569$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.8870, 28.1567, -24.4569$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.9580, -23.1503, 5.2988$, and $150.5580, -26.4041, 22.3126$ is the 20% darker color. If you saturate the color by 10%, you get $197.7950, -35.8879, 30.8748$, and if you desaturate by 10%, it is $212.4310, -20.4255, 18.0390$.

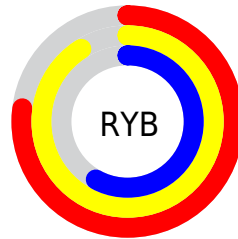
Distribution



Red (91%)

Green (79%)

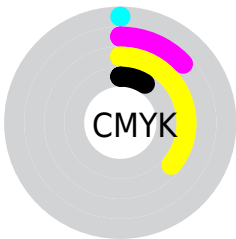
Blue (58%)



Red (77%)

Yellow (91%)

Blue (58%)

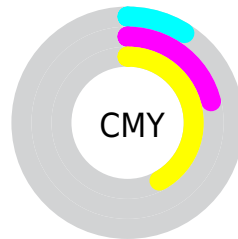


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.1130, -28.1567, 24.4569 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 205.1130, -28.1567, 24.4569 by changing the saturation by 10% instead.

■ 205.1130,
-28.1567, 24.4569

■ 205.1130,
-28.1567, 24.4569

255.0000, 0.0000,
0.0000

■ 177.6290,
-27.4251, 23.1274

■ 248.9580,
-23.1503, 5.2988

■ 150.5580,
-26.4041, 22.3126

■ 252.2640,
-10.4832, 2.3995

■ 124.0740,
-25.6725, 20.9831

■ 99.5900, -24.9409,
19.6536

■ 75.1060, -24.2093,
18.3240

■ 51.0950, -24.2038,
16.5797

■ 31.9510, -15.7518,

12.3210

■ 10.3880, -5.1213,
9.3067

■ 0.0000, 0.0000,
0.0000

■ 205.1130,
-28.1567, 24.4569

■ 205.1130,
-28.1567, 24.4569

■ 197.7950,
-35.8879, 30.8748

■ 212.4310,
-20.4255, 18.0390

■ 189.7760,
-43.7666, 37.9074

■ 220.4500,
-12.5468, 11.0064

■ 182.4580,
-51.4978, 44.3253

■ 227.7680, -4.8156,
4.5885

■ 174.5530,
-58.9396, 51.2580

■ 235.6730, 2.6262,
-2.3442

■ 167.2350,
-66.6709, 57.6759

■ 241.9650, 6.4263,
-7.8623

■ 159.2160,
-74.5495, 64.7086

■ 247.2480, 3.8217,
-12.4955

■ 156.5430,
-77.1757, 67.0528

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



207.1890, -23.2642, 41.9302



205.1130, -28.1567, 24.4569



201.8820, -24.5918, 0.9805

Triad

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



205.1130, -28.1567, 24.4569



191.5880, 17.9511, -64.5367



210.7530, 14.9118, 23.8956

Complementary

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



205.1130, -28.1567, 24.4569



175.8870, 28.1567, -24.4569

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.



207.4550, 23.4397, -4.7840



205.1130, -28.1567, 24.4569



194.3680, 28.4126, -59.9587

Square

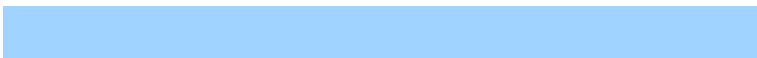
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.1130, -28.1567, 24.4569



193.9630, 2.4832, -49.9566



200.7670, 26.7369, -35.7527



209.1220, 1.9119, 40.2350

Rectangle

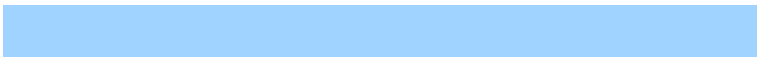
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.1130, -28.1567, 24.4569



199.1940, -17.8436, -16.8331



200.7670, 26.7369, -35.7527



210.1370, 19.1595, 14.7889

Sweetspot

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



205.1130, -28.1567, 24.4569



245.9380, -9.3364, 7.9474



176.9490, 1.0111, 49.1567



121.9530, -5.3998, 5.3032



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.



205.1130, -28.1567, 24.4569



218.1650, -37.0563, 32.3043



220.0210, -35.5064, 1.7356



113.3980, -3.6472, 3.1590



121.6240, -59.9606, 52.0728



36.1040, -17.7993, 15.6948

Inverse Universe

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



175.8870, 28.1567, -24.4569



179.8350, 37.0563, -32.3043



160.9790, 35.5064, -1.7356



109.6020, 3.6472, -3.1590



59.3760, 59.9606, -52.0728



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 205.1130, -28.1567, 24.4569 looks on a white background.

Color Contrast Check

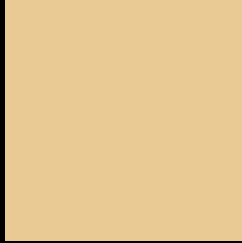
Large Text (above 18pt) WCAG AA × Fail

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 205.1130, -28.1567, 24.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

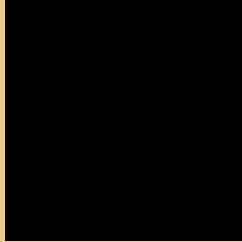
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.1130, -28.1567, 24.4569

Background



This preview shows how black text looks on a background with the YUV color 205.1130, -28.1567, 24.4569.



This preview shows how white text looks on a background with the YUV color 205.1130, -28.1567, 24.4569.

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

205.1130, -28.1567, 24.4569

Protanopia

204.4000, -26.8192, 15.4352

Deuteranopia

205.5810, -27.8944, 33.6935



Tritanopia

209.4640, -0.2288, 26.7801

Trichromacy



Original Color

205.1130, -28.1567, 24.4569

Protanomaly

204.8950, -27.5562, 18.5091

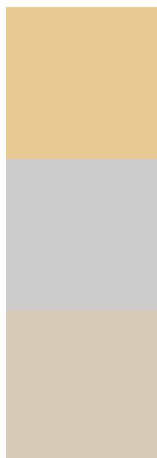
Deuteranomaly

205.5590, -27.8836, 30.2048

Tritanomaly

207.8200, -10.2643, 25.5909

Monochromacy



Original Color

205.1130, -28.1567, 24.4569

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0090, -10.3574, 8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.1130, -28.1567, 24.4569 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, 202, 148)` looks like.

```
.text, #text, p{  
    color:rgb(233, 202, 148)  
}
```

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, 202, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 202, 148) }
```

Border

The CSS property to change the border of an element to YUV 205.1130, -28.1567, 24.4569 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, 202, 148) }
```


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

```
.border{ border-color:rgb(233, 202, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 202, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 202, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 202, 148); box-shadow:4px 4px 4px 4px rgb(233, 202, 148) }
```

Background

The CSS property to change the background color of an element to YUV 205.1130, -28.1567, 24.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 202, 148) }
```

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

```
.background{ background-color: rgb(233,  
202, 148) }
```

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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