

Converting Colors

YUV(213.7560, -16.6417,
17.7540)

Have a look what the booklet for
YUV(213.7560, -16.6417, 17.7540)
contains.

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Color

**YUV(213.7560, -16.6417,
17.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD2B4
RGB	234, 210, 180
RGB Percent	92%, 82%, 71%
CMY	0.0824, 0.1765, 0.2941
CMYK	0.00, 0.10, 0.23, 0.08
HSL	33°, 56%, 81%
HSV	33°, 23%, 92%
XYZ	65.2165, 66.8809, 52.6520
YIQ	213.7560, 23.9340, -4.2420

Conversions

Conversions Part 2

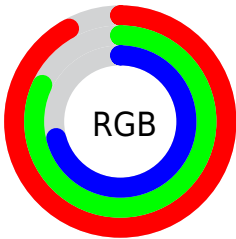
Format	Color
R_{YB}	223, 234, 180
Decimal	15389364
CIE _{Lab}	85.44, 3.75, 17.92
CIE _{LCh}	85, 18.309, 78.191
Yxy	66.8809, 0.3530, 0.3620
Android (android.graphics.Color)	4293579444 (0xFFEAD2B4)
YUV	213.7560, -16.6417, 17.7540
Hunter-Lab	81.7807, -0.7705, 19.0745

Details

The YUV color $213.7560, -16.6417, 17.7540$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $200.2440, 16.6417, -17.7540$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $159.2720, -15.9101, 16.4245$ is the 20% darker color. If you saturate the color by 10%, you get $205.2640, -23.7942, 25.2015$, and if you desaturate by 10%, it is $222.2480, -9.4893, 10.3065$.

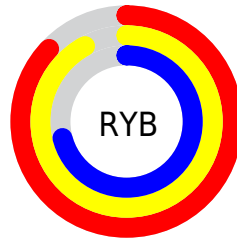
Distribution



Red (92%)

Green (82%)

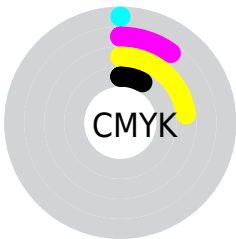
Blue (71%)



Red (87%)

Yellow (92%)

Blue (71%)

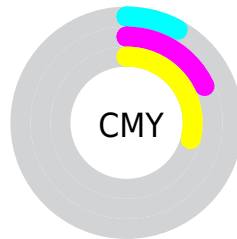


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7560, -16.6417, 17.7540 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 213.7560, -16.6417, 17.7540 by changing the saturation by 10% instead.

■ 213.7560,
-16.6417, 17.7540

■ 213.7560,
-16.6417, 17.7540

255.0000, 0.0000,
0.0000

■ 185.8700,
-16.2049, 17.6540

■ 252.8340, -8.2992,
1.8996

■ 159.2720,
-15.9101, 16.4245

■ 133.0870,
-15.3259, 15.7097

■ 107.6030,
-14.5943, 14.3802

■ 82.8310, -13.7207,
14.1802

■ 59.9340, -13.2785,
12.3359

■ 37.7490, -12.6943,

11.6211

■ 17.4760, -8.6157,
10.1065

■ 0.0000, 0.0000,
0.0000

■ 213.7560,
-16.6417, 17.7540

■ 213.7560,
-16.6417, 17.7540

■ 205.2640,
-23.7942, 25.2015

■ 222.2480, -9.4893,
10.3065

■ 196.0710,
-31.0940, 33.2637

■ 231.4410, -2.1894,
2.2442

■ 187.5790,
-38.2464, 40.7112

■ 239.9330, 4.9630,
-5.2032

■ 178.3860,
-45.5463, 48.7735

■ 246.9600, 3.9637,
-11.3659

■ 169.8940,
-52.6987, 56.2210

■ 248.7210, 3.0955,
-12.9103

■ 161.4020,
-59.8512, 63.6684

■ 152.2090,
-67.1510, 71.7307

■ 146.2760,
-72.1141, 76.9339

Harmonies

Analogous

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



215.3210, -13.4693, 26.9055



213.7560, -16.6417, 17.7540



212.0100, -15.2879, 3.4992

Triad

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



213.7560, -16.6417, 17.7540



207.5550, 8.1074, -33.8127



216.4110, 10.1504, 11.0406

Complementary

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



213.7560, -16.6417, 17.7540



200.2440, 16.6417, -17.7540

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.



214.0930, 15.7302, -5.3436



213.7560, -16.6417, 17.7540



208.1020, 15.2327, -32.5385

Square

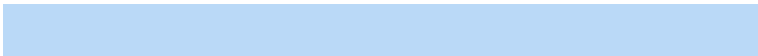
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.7560, -16.6417, 17.7540



207.9060, -0.9397, -25.3506



211.1510, 17.6736, -22.0574



216.7240, 2.1081, 23.9211

Rectangle

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



213.7560, -16.6417, 17.7540



210.4540, -12.0558, -6.5372



211.1510, 17.6736, -22.0574



216.2470, 12.2032, 5.9224

Sweetspot

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



213.7560, -16.6417, 17.7540



248.2520, -5.5472, 5.9180



198.8820, 2.5232, 30.7985



123.8110, -3.3578, 3.6738



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.



213.7560, -16.6417, 17.7540



228.1220, -21.7521, 23.5720



226.9470, -23.1449, 3.5545



112.8110, -3.3578, 3.6738



113.4060, -55.9092, 59.2799



33.7560, -16.6417, 17.7540

Inverse Universe

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



200.2440, 16.6417, -17.7540



210.2910, 22.0415, -23.0572



187.0530, 23.1449, -3.5545



110.1890, 3.3578, -3.6738



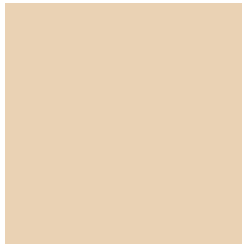
67.5940, 55.9092, -59.2799



20.2440, 16.6417, -17.7540

Previews

White Background



This preview shows how the YUV color 213.7560, -16.6417, 17.7540 looks on a white background.

Color Contrast Check

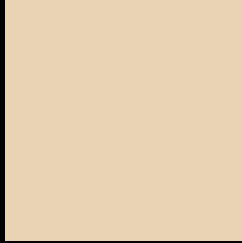
Large Text (above 18pt) WCAG AA × Fail

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 213.7560, -16.6417, 17.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

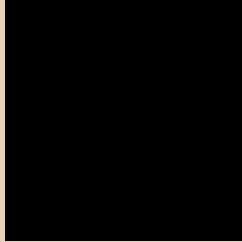
Any Text WCAG AA ✓ Pass

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 213.7560, -16.6417, 17.7540 Background



This preview shows how black text looks on a background with the YUV color 213.7560, -16.6417, 17.7540.



This preview shows how white text looks on a background with the YUV color 213.7560, -16.6417, 17.7540.

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

213.7560, -16.6417, 17.7540

Protanopia

213.0540, -15.3096, 10.4766

Deuteranopia

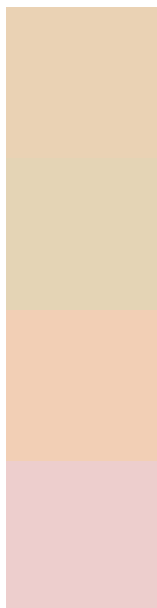
215.1100, -16.8162, 27.0905



Tritanopia

216.2890, 1.8295, 19.9175

Trichromacy



Original Color

213.7560, -16.6417, 17.7540

Protanomaly

213.2500, -15.8993, 12.9358

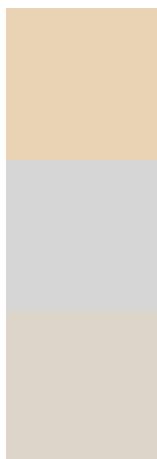
Deuteranomaly

214.5010, -16.5160, 24.1166

Tritanomaly

215.1550, -5.0064, 19.1581

Monochromacy



Original Color

213.7560, -16.6417, 17.7540

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7560, -16.6417, 17.7540 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(234, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 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(234, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 180) }
```

Border

The CSS property to change the border of an element to YUV 213.7560, -16.6417, 17.7540 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(234, 210, 180) }
```


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

```
.border{ border-color:rgb(234, 210, 180) }
```

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

Here you see how a box with a 4 pixel rgb(234, 210, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 213.7560, -16.6417, 17.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 180) }
```

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

```
.background{ background-color: rgb(234,  
210, 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](#).

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