

Converting Colors

YUV(209.5710, -16.0575,
17.0392)

Have a look what the booklet for
YUV(209.5710, -16.0575, 17.0392)
contains.

YUV(209.5710, -16.0575, 17.0392)	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(209.5710, -16.0575,
17.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CEB1
RGB	229, 206, 177
RGB Percent	90%, 81%, 69%
CMY	0.1020, 0.1922, 0.3059
CMYK	0.00, 0.10, 0.23, 0.10
HSL	33°, 50%, 80%
HSV	33°, 23%, 90%
XYZ	62.3202, 63.9750, 50.6587
YIQ	209.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

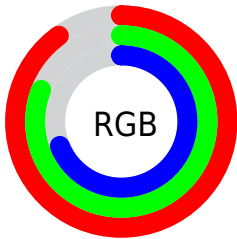
Format	Color
R _Y B	218, 229, 177
Decimal	15060657
CIE Lab	83.95, 3.55, 17.36
CIE LCh	84, 17.716, 78.453
Yxy	63.9750, 0.3522, 0.3615
Android (android.graphics.Color)	4293250737 (0xFFE5CEB1)
YUV	209.5710, -16.0575, 17.0392
Hunter-Lab	79.9843, -0.8934, 18.4372

Details

The YUV color $209.5710, -16.0575, 17.0392$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $196.4290, 16.0575, -17.0392$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $155.0870, -15.3259, 15.7097$ is the 20% darker color. If you saturate the color by 10%, you get $201.0790, -23.2099, 24.4867$, and if you desaturate by 10%, it is $218.0630, -8.9051, 9.5917$.

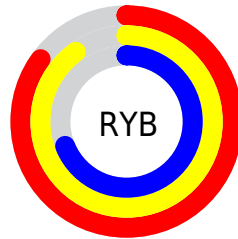
Distribution



Red (90%)

Green (81%)

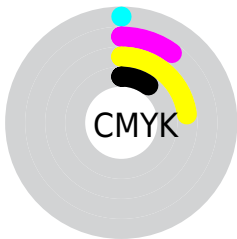
Blue (69%)



Red (85%)

Yellow (90%)

Blue (69%)

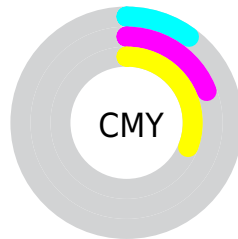


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5710, -16.0575, 17.0392 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 209.5710, -16.0575, 17.0392 by changing the saturation by 10% instead.

■ 209.5710,
-16.0575, 17.0392

■ 209.5710,
-16.0575, 17.0392

255.0000, 0.0000,
0.0000

■ 182.2720,
-15.9101, 16.4245

■ 252.4920, -9.6096,
2.1995

■ 155.0870,
-15.3259, 15.7097

■ 128.9020,
-14.7417, 14.9949

■ 103.7170,
-14.1575, 14.2802

■ 79.5320, -13.5733,
13.5654

■ 56.1620, -12.4049,
12.1359

■ 34.3360, -12.9836,

11.1063

■ 13.9320, -6.8685,
9.7066

■ 0.0000, 0.0000,
0.0000

■ 209.5710,
-16.0575, 17.0392

■ 209.5710,
-16.0575, 17.0392

■ 201.0790,
-23.2099, 24.4867

■ 218.0630, -8.9051,
9.5917

■ 192.5870,
-30.3624, 31.9342

■ 226.5550, -1.7526,
2.1443

■ 184.0950,
-37.5148, 39.3817

■ 235.0470, 5.3998,
-5.3032

■ 175.0160,
-44.3779, 47.3440

■ 242.5300, 6.1477,
-11.8658

■ 166.6380,
-51.0935, 54.6915

■ 247.2260, 3.8326,
-15.9842

■ 158.1460,
-58.2460, 62.1390

■ 149.6540,
-65.3984, 69.5864

■ 143.6070,
-70.7983, 74.8897

Harmonies

Analogous

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



211.1360, -12.8850, 26.1907



209.5710, -16.0575, 17.0392



207.5370, -14.5617, 3.9141

Triad

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



209.5710, -16.0575, 17.0392



203.1530, 7.8126, -32.5832



212.2970, 9.7136, 11.1405

Complementary

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



209.5710, -16.0575, 17.0392



196.4290, 16.0575, -17.0392

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.



209.9790, 15.2934, -5.2436



209.5710, -16.0575, 17.0392



204.5860, 14.5011, -31.2089

Square

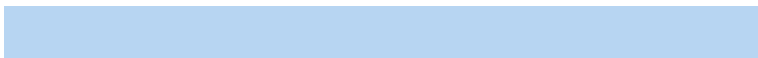
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.5710, -16.0575, 17.0392



204.2050, -1.0871, -24.7358



207.3360, 17.0894, -21.3427



212.4250, 2.2555, 23.3063

Rectangle

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



209.5710, -16.0575, 17.0392



206.5680, -11.6190, -6.6371



207.3360, 17.0894, -21.3427



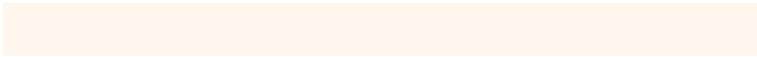
211.8340, 11.9138, 5.4076

Sweetspot

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



209.5710, -16.0575, 17.0392



248.2520, -5.5472, 5.9180



195.1700, 2.3812, 29.6689



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.



209.5710, -16.0575, 17.0392



229.5240, -21.4573, 22.3425



222.1750, -22.2713, 3.3545



110.6970, -3.7946, 3.7737



112.2210, -55.3250, 58.5652



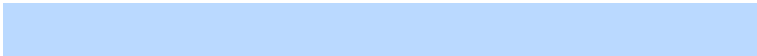
31.6850, -15.6207, 16.9393

Inverse Universe

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



196.4290, 16.0575, -17.0392



212.0630, 21.1679, -22.8573



183.8250, 22.2713, -3.3545



107.3030, 3.7946, -3.7737



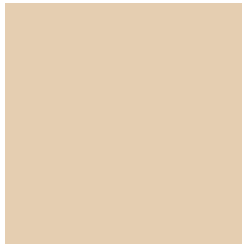
66.7790, 55.3250, -58.5652



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 209.5710, -16.0575, 17.0392 looks on a white background.

Color Contrast Check

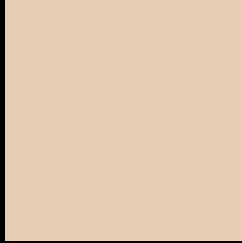
Large Text (above 18pt) WCAG AA × Fail

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 209.5710, -16.0575, 17.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

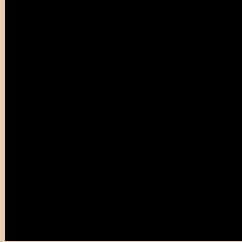
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

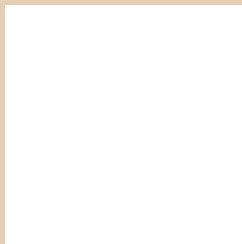
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.5710, -16.0575, 17.0392

Background



This preview shows how black text looks on a background with the YUV color 209.5710, -16.0575, 17.0392.



This preview shows how white text looks on a background with the YUV color 209.5710, -16.0575, 17.0392.

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

209.5710, -16.0575, 17.0392

Protanopia

208.7550, -15.1622, 9.8619

Deuteranopia

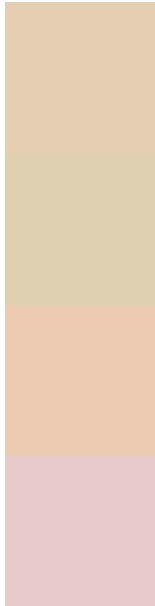
210.9250, -16.2320, 26.3758



Tritanopia

211.9900, 1.9769, 19.3028

Trichromacy



Original Color

209.5710, -16.0575, 17.0392

Protanomaly

209.0650, -15.3150, 12.2210

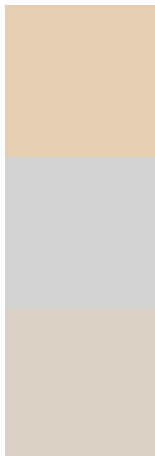
Deuteranomaly

210.3160, -15.9318, 23.4019

Tritanomaly

210.9700, -4.4222, 18.4433

Monochromacy



Original Color

209.5710, -16.0575, 17.0392

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5710, -16.0575, 17.0392 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, 206, 177)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 177)  
}
```

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, 206, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 177) }
```

Border

The CSS property to change the border of an element to YUV 209.5710, -16.0575, 17.0392 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, 206, 177) }
```


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

```
.border{ border-color:rgb(229, 206, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 206, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 206, 177); box-shadow:4px 4px 4px 4px rgb(229, 206, 177) }
```

Background

The CSS property to change the background color of an element to YUV 209.5710, -16.0575, 17.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 177) }
```

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

```
.background{ background-color: rgb(229,  
206, 177) }
```

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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