

Converting Colors

YUV(216.1170, -7.4527,
10.4214)

Have a look what the booklet for
YUV(216.1170, -7.4527, 10.4214)
contains.

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Color

**YUV(216.1170, -7.4527,
10.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D5C9
RGB	228, 213, 201
RGB Percent	89%, 84%, 79%
CMY	0.1059, 0.1647, 0.2118
CMYK	0.00, 0.07, 0.12, 0.11
HSL	27°, 33%, 84%
HSV	27°, 12%, 89%
XYZ	66.3318, 68.2995, 64.9454
YIQ	216.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

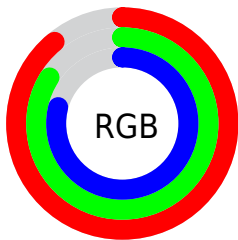
Format	Color
R_{YB}	228, 223, 201
Decimal	14996937
CIE _{Lab}	86.16, 3.18, 7.78
CIE _{LCh}	86, 8.400, 67.779
Yxy	68.2995, 0.3324, 0.3422
Android (android.graphics.Color)	4293187017 (0xFFE4D5C9)
YUV	216.1170, -7.4527, 10.4214
Hunter-Lab	82.6435, -1.3576, 11.2574

Details

The YUV color $216.1170, -7.4527, 10.4214$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.8830, 7.4527, -10.4214$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.9320, -6.8685, 9.7066$ is the 20% darker color. If you saturate the color by 10%, you get $205.8640, -13.7370, 19.4133$, and if you desaturate by 10%, it is $226.3700, -1.1684, 1.4295$.

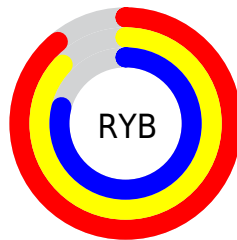
Distribution



Red (89%)

Green (84%)

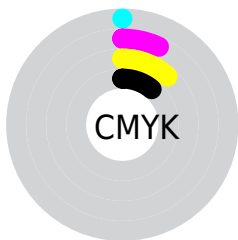
Blue (79%)



Red (89%)

Yellow (87%)

Blue (79%)

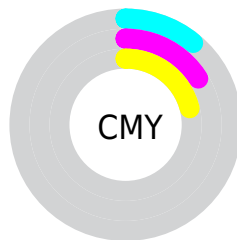


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1170, -7.4527, 10.4214 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 216.1170, -7.4527, 10.4214 by changing the saturation by 10% instead.

■ 216.1170, -7.4527,
10.4214

■ 216.1170, -7.4527,
10.4214

255.0000, 0.0000,
0.0000

■ 188.2310, -7.0159,
10.3214

■ 160.9320, -6.8685,
9.7066

■ 134.9320, -6.8685,
9.7066

■ 109.7470, -6.2843,
8.9919

■ 85.4480, -6.1369,
8.3771

■ 62.1490, -5.9895,
7.7623

■ 40.2630, -5.5527,

7.6623

■ 19.6930, -7.7366,
8.1622

■ 0.0000, 0.0000,
0.0000

■ 216.1170, -7.4527,
10.4214

■ 216.1170, -7.4527,
10.4214

■ 205.8640,
-13.7370, 19.4133

■ 226.3700, -1.1684,
1.4295

■ 196.1980,
-20.3106, 27.8904

■ 236.0360, 5.4053,
-7.0476

■ 186.0590,
-26.1581, 36.7823

■ 244.5790, 5.1376,
-14.5398

■ 175.8060,
-32.4424, 45.7741

■ 246.9270, 3.9800,
-16.5990

■ 166.1400,
-39.0160, 54.2512

■ 155.8870,
-45.3003, 63.2431

■ 145.6340,
-51.5846, 72.2350

■ 136.0820,
-57.7214, 80.6121

■ 127.4590,
-62.8373, 88.1745

Harmonies

Analogous

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



217.0080, -5.4269, 14.0250



216.1170, -7.4527, 10.4214



215.3720, -7.5784, 4.0588

Triad

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



216.1170, -7.4527, 10.4214



212.7810, 2.0800, -13.8399



216.8030, 5.5201, 2.8038

Complementary

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



216.1170, -7.4527, 10.4214



212.8830, 7.4527, -10.4214

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.



215.3290, 7.7258, -4.6735



216.1170, -7.4527, 10.4214



213.6930, 5.5744, -14.6398

Square

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



216.1170, -7.4527, 10.4214



213.3640, -2.1515, -9.9662



214.2850, 7.7475, -11.6509



217.3370, 2.2989, 9.3515

Rectangle

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



216.1170, -7.4527, 10.4214



214.2790, -6.5465, -0.2447



214.2850, 7.7475, -11.6509



216.7210, 6.5465, 0.2447

Sweetspot

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



216.1170, -7.4527, 10.4214



250.3380, -2.6316, 4.0886



210.7830, 2.5720, 15.0993



124.8540, -1.9000, 2.7590



0.0000, 0.0000, 0.0000



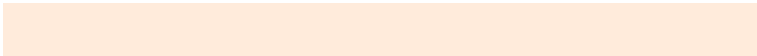
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.1170, -7.4527, 10.4214



239.1560, -9.9369, 13.8952



223.7480, -11.2148, 3.7290



109.5230, -3.2158, 4.8033



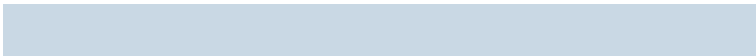
99.8940, -49.2477, 69.3760



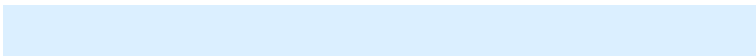
28.7500, -14.1738, 19.5132

Inverse Universe

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



212.8830, 7.4527, -10.4214



234.8440, 9.9369, -13.8952



205.2520, 11.2148, -3.7290



108.4770, 3.2158, -4.8033



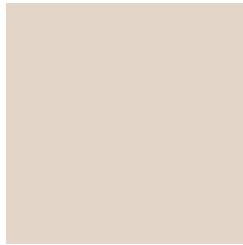
78.5190, 49.5371, -68.8612



22.2500, 14.1738, -19.5132

Previews

White Background



This preview shows how the YUV color 216.1170, -7.4527, 10.4214 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 216.1170, -7.4527, 10.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

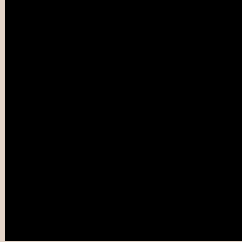
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

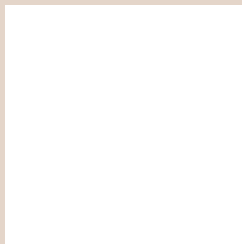
Any Text WCAG AAA ✓ Pass

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

YUV 216.1170, -7.4527, 10.4214 Background



This preview shows how black text looks on a background with the YUV color 216.1170, -7.4527, 10.4214.

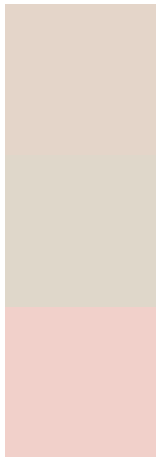


This preview shows how white text looks on a background with the YUV color 216.1170, -7.4527,

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

216.1170, -7.4527, 10.4214

Protanopia

215.9100, -6.8576, 6.2179

Deuteranopia

217.1830, -7.4852, 20.8875



Tritanopia

217.5160, 4.1826, 11.8255

Trichromacy



Original Color

216.1170, -7.4527, 10.4214

Protanomaly

215.9210, -6.8631, 7.9623

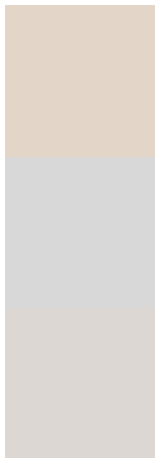
Deuteranomaly

216.8620, -7.3270, 16.7840

Tritanomaly

216.7780, 0.1094, 11.5957

Monochromacy



Original Color

216.1170, -7.4527, 10.4214

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1170, -7.4527, 10.4214 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(228, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 201)  
}
```

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(228, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 201) }
```

Border

The CSS property to change the border of an element to YUV 216.1170, -7.4527, 10.4214 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(228, 213, 201) }
```


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

```
.border{ border-color:rgb(228, 213, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 216.1170, -7.4527, 10.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 201) }
```

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

```
.background{ background-color: rgb(228,  
213, 201) }
```

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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