

Converting Colors

YUV(207.0130, -6.4154, 4.3736)

Have a look what the booklet for
YUV(207.0130, -6.4154, 4.3736)
contains.

YUV(207.0130, -6.4154, 4.3736)	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(207.0130, -6.4154,
4.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFC2
RGB	212, 207, 194
RGB Percent	83%, 81%, 76%
CMY	0.1686, 0.1882, 0.2392
CMYK	0.00, 0.02, 0.08, 0.17
HSL	43°, 17%, 80%
HSV	43°, 8%, 83%
XYZ	59.2018, 62.5177, 59.9858
YIQ	207.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

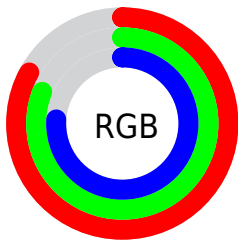
Format	Color
R _Y B	201, 212, 194
Decimal	13946818
CIE Lab	83.19, -0.53, 7.06
CIE LCh	83, 7.078, 94.269
Yxy	62.5177, 0.3258, 0.3441
Android (android.graphics.Color)	4292136898 (0xFFD4CFC2)
YUV	207.0130, -6.4154, 4.3736
Hunter-Lab	79.0682, -4.7185, 10.3668

Details

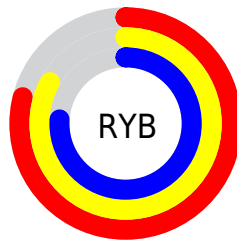
The YUV color $207.0130, -6.4154, 4.3736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.9870, 6.4154, -4.3736$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $152.7140, -6.2680, 3.7588$ is the 20% darker color. If you saturate the color by 10%, you get $201.0970, -13.8518, 9.5619$, and if you desaturate by 10%, it is $212.9290, 1.0210, -0.8147$.

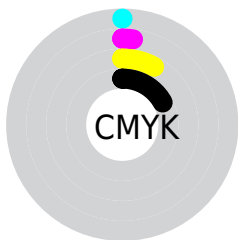
Distribution



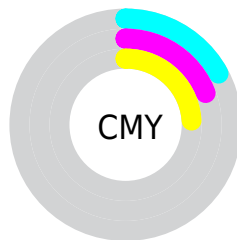
- Red (83%)
- Green (81%)
- Blue (76%)



- Red (79%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.0130, -6.4154, 4.3736 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 207.0130, -6.4154, 4.3736 by changing the saturation by 10% instead.

■ 207.0130, -6.4154,
4.3736

■ 207.0130, -6.4154,
4.3736

255.0000, 0.0000,
0.0000

■ 179.1270, -5.9786,
4.2736

■ 254.4300, -2.1840,
0.4999

■ 152.7140, -6.2680,
3.7588

■ 126.8280, -5.8312,
3.6588

■ 101.8280, -5.8312,
3.6588

■ 77.9420, -5.3944,
3.5589

■ 55.0560, -4.9576,
3.4589

■ 33.7570, -4.8102,

2.8441

■ 11.2410, -5.5418,
4.1736

■ 0.0000, 0.0000,
0.0000

■ 207.0130, -6.4154,
4.3736

■ 207.0130, -6.4154,
4.3736

■ 201.0970,
-13.8518, 9.5619

■ 212.9290, 1.0210,
-0.8147

■ 195.1810,
-21.2882, 14.7503

■ 218.8450, 8.4574,
-6.0031

■ 189.1510,
-29.1614, 20.0386

■ 224.5330, 15.0202,
-10.9914

■ 183.2350,
-36.5979, 25.2269

■ 228.0550, 13.2839,
-14.0802

■ 177.9060,
-44.3237, 29.9004

■ 230.9900, 11.8369,
-16.6542

■ 171.9900,
-51.7601, 35.0888

■ 234.5120, 10.1006,
-19.7430

■ 166.0740,
-59.1965, 40.2771

■ 238.0340, 8.3642,
-22.8318

■ 160.0440,
-67.0697, 45.5654

■ 241.5560, 6.6279,
-25.9206

■ 154.1280,
-74.5061, 50.7537

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



207.7470, -6.2843, 8.9919



207.0130, -6.4154, 4.3736



206.0230, -4.9413, -1.7742

Triad

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



207.0130, -6.4154, 4.3736



205.3620, 4.2585, -12.5955



208.9130, 2.0149, 7.0923

Complementary

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



207.0130, -6.4154, 4.3736



198.9870, 6.4154, -4.3736

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.



207.9770, 4.9413, 1.7742



207.0130, -6.4154, 4.3736



205.9540, 6.4317, -9.6067

Square

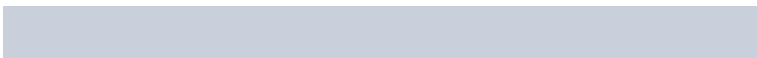
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207.0130, -6.4154, 4.3736



204.9770, 1.4903, -11.3808



206.9870, 6.4154, -4.3736



208.7240, -1.3429, 10.7661

Rectangle

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



207.0130, -6.4154, 4.3736



205.4570, -3.1833, -5.6628



206.9870, 6.4154, -4.3736



208.5430, 3.1833, 5.6628

Sweetspot

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



207.0130, -6.4154, 4.3736



252.9140, -2.9156, 1.8294



199.9520, -0.4693, 10.5661



126.1420, -2.0420, 1.6295



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.



207.0130, -6.4154, 4.3736



248.0410, -8.8942, 6.1030



208.7520, -7.2727, -0.6595



103.9850, -3.9366, 2.6442



123.3300, -60.8017, 41.8066



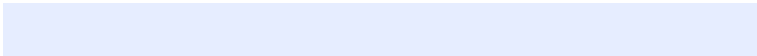
31.0540, -15.3096, 10.4766

Inverse Universe

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



198.9870, 6.4154, -4.3736



236.9590, 8.8942, -6.1030



197.2480, 7.2727, 0.6595



99.0150, 3.9366, -2.6442



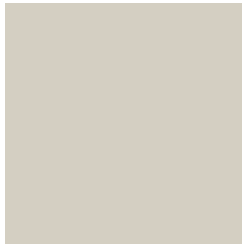
47.0830, 61.0911, -41.2918



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 207.0130, -6.4154, 4.3736 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 207.0130, -6.4154, 4.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

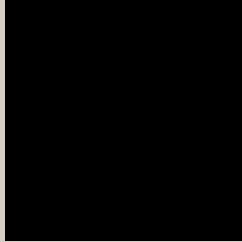
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

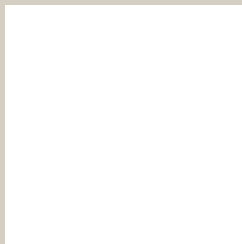
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 207.0130, -6.4154, 4.3736

Background



This preview shows how black text looks on a background with the YUV color 207.0130, -6.4154, 4.3736.

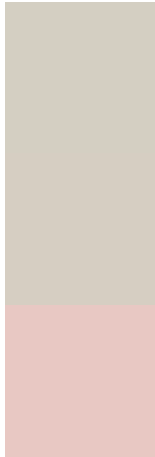


This preview shows how white text looks on a background with the YUV color 207.0130, -6.4154,

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

207.0130, -6.4154, 4.3736

Protanopia

207.0240, -6.4208, 6.1180

Deuteranopia

208.9980, -6.9010, 20.1728



Tritanopia

208.7110, 5.0725, 6.3925

Trichromacy



Original Color

207.0130, -6.4154, 4.3736

Protanomaly

206.7250, -6.2734, 5.5032

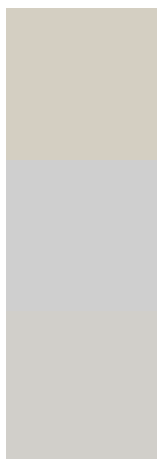
Deuteranomaly

208.6660, -6.7373, 14.3249

Tritanomaly

207.9730, 0.9993, 6.1627

Monochromacy



Original Color

207.0130, -6.4154, 4.3736

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.0130, -6.4154, 4.3736 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(212, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 194)  
}
```

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(212, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 194) }
```

Border

The CSS property to change the border of an element to YUV 207.0130, -6.4154, 4.3736 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(212, 207, 194) }
```


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

```
.border{ border-color:rgb(212, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 207.0130, -6.4154, 4.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 194) }
```

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

```
.background{ background-color: rgb(212,  
207, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor