

Converting Colors

YUV(213.0530, 2.9319, -7.0625)

Have a look what the booklet for
YUV(213.0530, 2.9319, -7.0625)
contains.

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Color

**YUV(213.0530, 2.9319,
-7.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD8DB
RGB	205, 216, 219
RGB Percent	80%, 85%, 86%
CMY	0.1961, 0.1529, 0.1412
CMYK	0.06, 0.01, 0.00, 0.14
HSL	193°, 16%, 83%
HSV	193°, 6%, 86%
XYZ	62.5189, 67.2053, 76.6947
YIQ	213.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

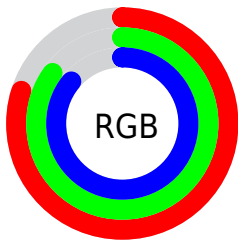
Format	Color
R_{YB}	205, 211, 219
Decimal	13490395
CIE _{Lab}	85.61, -3.13, -2.76
CIE _{LCh}	86, 4.173, 221.496
Yxy	67.2053, 0.3029, 0.3256
Android (android.graphics.Color)	4291680475 (0xFFCDD8DB)
YUV	213.0530, 2.9319, -7.0625
Hunter-Lab	81.9789, -7.3350, 1.9169

Details

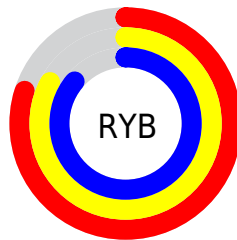
The YUV color $213.0530, 2.9319, -7.0625$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.9470, -2.9319, 7.0625$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.3520, 2.7845, -6.4477$ is the 20% darker color. If you saturate the color by 10%, you get $203.5400, 7.6218, -18.0136$, and if you desaturate by 10%, it is $222.5660, -1.7580, 3.8886$.

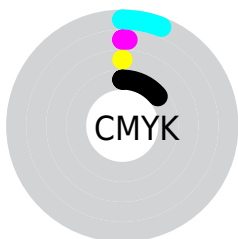
Distribution



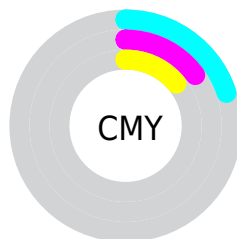
- Red (80%)
- Green (85%)
- Blue (86%)



- Red (80%)
- Yellow (83%)
- Blue (86%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0530, 2.9319, -7.0625 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 213.0530, 2.9319, -7.0625 by changing the saturation by 10% instead.

■ 213.0530, 2.9319,
-7.0625

■ 213.0530, 2.9319,
-7.0625

255.0000, 0.0000,
0.0000

■ 185.3520, 2.7845,
-6.4477

■ 158.3520, 2.7845,
-6.4477

■ 132.3520, 2.7845,
-6.4477

■ 107.2380, 2.3477,
-6.3477

■ 82.6510, 2.6371,
-5.8329

■ 59.6510, 2.6371,
-5.8329

■ 37.9500, 2.4897,

-5.2181

■ 16.9390, 2.4951,
-6.9625

■ 0.0000, 0.0000,
0.0000

■ 213.0530, 2.9319,
-7.0625

■ 213.0530, 2.9319,
-7.0625

■ 203.5400, 7.6218,
-18.0136

■ 222.5660, -1.7580,
3.8886

■ 194.6140, 12.0223,
-29.4795

■ 231.4920, -6.1586,
15.3545

■ 185.1010, 16.7122,
-40.4306

■ 236.2210, -8.4900,
16.4692

■ 175.5880, 21.4021,
-51.3817

■ 239.1560, -9.9369,
13.8952

■ 166.9610, 25.6552,
-62.2328

■ 241.5040,
-11.0945, 11.8360

■ 157.4480, 30.3451,
-73.1839

■ 244.4390,
-12.5414, 9.2620

■ 147.9350, 35.0350,
-84.1350

■ 247.3740,
-13.9884, 6.6880

■ 138.4220, 39.7250,
-95.0861

■ 250.3090,
-15.4353, 4.1140

■ 129.4960, 44.1255,
-106.5520

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



212.5970, 1.1847, -6.6626



213.0530, 2.9319, -7.0625



213.5910, 3.6526, -4.9033

Triad

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



213.0530, 2.9319, -7.0625



215.2610, 0.8573, 5.0331



213.6860, -3.7892, 2.0294

Complementary

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



213.0530, 2.9319, -7.0625



210.9470, -2.9319, 7.0625

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.



214.4090, -3.6526, 4.9033



213.0530, 2.9319, -7.0625



214.8160, -0.8953, 7.1774

Square

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



213.0530, 2.9319, -7.0625



214.9940, 2.4680, 1.7593



214.6480, -2.7845, 6.4477



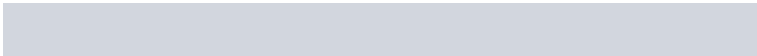
213.0060, -2.4680, -1.7593

Rectangle

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



213.0530, 2.9319, -7.0625



213.7160, 4.0840, -3.2589



214.6480, -2.7845, 6.4477



213.9850, -3.9366, 2.6442

Sweetspot

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



213.0530, 2.9319, -7.0625



252.9180, 1.0264, -2.5591



213.5600, -2.7411, -7.5071



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

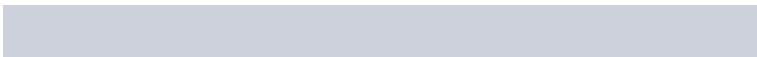
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.0530, 2.9319, -7.0625



246.6720, 4.1057, -10.2363



208.9440, 4.9576, -3.4589



104.9500, 2.4896, -5.2182



99.5540, 36.2089, -87.3089



26.3760, 9.6746, -23.1318

Inverse Universe

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



210.4400, 2.7411, 7.5071



242.8040, 4.0406, 10.6959



215.0560, -4.9576, 3.4589



103.2010, 1.8729, 5.9627



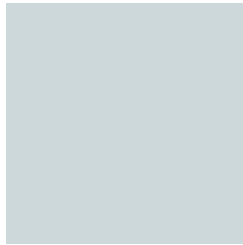
67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 213.0530, 2.9319, -7.0625 looks on a white background.

Color Contrast Check

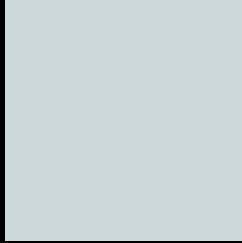
Large Text (above 18pt) WCAG AA × Fail

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 213.0530, 2.9319, -7.0625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

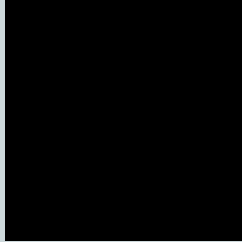
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

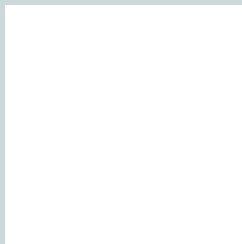
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.0530, 2.9319, -7.0625

Background



This preview shows how black text looks on a background with the YUV color 213.0530, 2.9319, -7.0625.



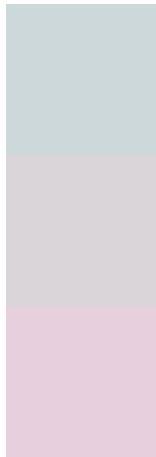
This preview shows how white text looks on a background with the YUV color 213.0530, 2.9319,

-7.0625.

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

213.0530, 2.9319, -7.0625

Protanopia

214.6520, 1.1576, 2.0592

Deuteranopia

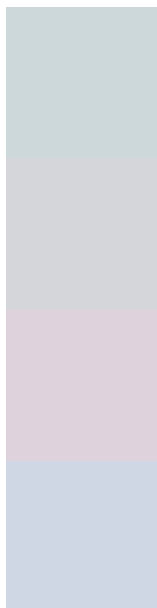
215.7720, 2.5774, 13.3550



Tritanopia

213.8450, 8.4574, -6.0031

Trichromacy



Original Color

213.0530, 2.9319, -7.0625

Protanomaly

214.1570, 1.8946, -1.0147

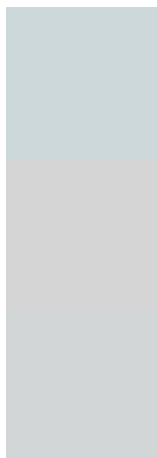
Deuteranomaly

214.7280, 2.5991, 6.3775

Tritanomaly

213.6770, 6.5682, -6.7327

Monochromacy



Original Color

213.0530, 2.9319, -7.0625

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0530, 2.9319, -7.0625 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(205, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 219)  
}
```

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(205, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 219) }
```

Border

The CSS property to change the border of an element to YUV 213.0530, 2.9319, -7.0625 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(205, 216, 219) }
```


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

```
.border{ border-color:rgb(205, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 213.0530, 2.9319, -7.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 219) }
```

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

```
.background{ background-color: rgb(205,  
216, 219) }
```

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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