

Converting Colors

YUV(213.4210, 8.1734, -8.2622)

Have a look what the booklet for
YUV(213.4210, 8.1734, -8.2622)
contains.

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Color

**YUV(213.4210, 8.1734,
-8.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD7E6
RGB	204, 215, 230
RGB Percent	80%, 84%, 90%
CMY	0.2000, 0.1569, 0.0980
CMYK	0.11, 0.07, 0.00, 0.10
HSL	215°, 34%, 85%
HSV	215°, 11%, 90%
XYZ	63.4852, 67.1514, 84.4784
YIQ	213.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

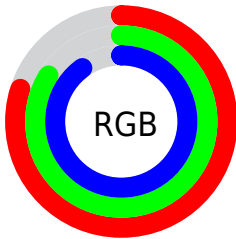
Format	Color
RYB	204, 212, 230
Decimal	13424614
CIELab	85.58, -0.78, -8.64
CIELCh	86, 8.674, 264.845
Yxy	67.1514, 0.2951, 0.3122
Android (android.graphics.Color)	4291614694 (0xFFCCD7E6)
YUV	213.4210, 8.1734, -8.2622
Hunter-Lab	81.9460, -5.1179, -3.7601

Details

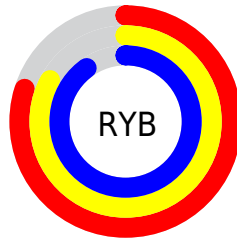
The YUV color `213.4210, 8.1734, -8.2622` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `220.5790, -8.1734, 8.2622`, and the grayscale version is `213.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `158.7200, 8.0260, -7.6474` is the 20% darker color. If you saturate the color by 10%, you get `198.9130, 15.3259, -15.7097`, and if you desaturate by 10%, it is `227.9290, 1.0210, -0.8147`.

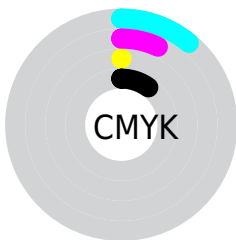
Distribution



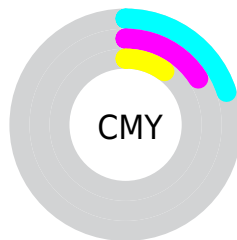
- Red (80%)
- Green (84%)
- Blue (90%)



- Red (80%)
- Yellow (83%)
- Blue (90%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4210, 8.1734, -8.2622 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 213.4210, 8.1734, -8.2622 by changing the saturation by 10% instead.

■ 213.4210, 8.1734,
-8.2622

■ 213.4210, 8.1734,
-8.2622

255.0000, 0.0000,
0.0000

■ 185.4210, 8.1734,
-8.2622

■ 158.7200, 8.0260,
-7.6474

■ 132.6060, 7.5892,
-7.5475

■ 107.4920, 7.1524,
-7.4475

■ 83.3780, 6.7156,
-7.3475

■ 60.3780, 6.7156,
-7.3475

■ 38.2640, 6.2788,

-7.2475

■ 16.9650, 6.4263,
-7.8623

■ 0.2280, 0.8736,
-0.2000

■ 213.4210, 8.1734,
-8.2622

■ 213.4210, 8.1734,
-8.2622

■ 198.9130, 15.3259,
-15.7097

■ 227.9290, 1.0210,
-0.8147

■ 183.8180, 22.7677,
-22.6424

■ 243.0240, -6.4208,
6.1180

■ 169.3100, 29.9202,
-30.0899

■ 252.1500,
-10.9200, 2.4994

■ 154.8020, 37.0726,
-37.5374

■ 140.2940, 44.2251,
-44.9848

■ 125.1990, 51.6669,
-51.9175

■ 110.6910, 58.8193,
-59.3650

■ 96.1830, 65.9718,
-66.8125

■ 83.1590, 72.3926,
-72.9304

Harmonies

Analogous

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



212.1600, 7.3161, -13.2953



213.4210, 8.1734, -8.2622



214.5360, 7.1308, -0.4701

Triad

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



213.4210, 8.1734, -8.2622



215.6490, -4.2640, 14.3398



212.2180, -4.0515, -7.2072

Complementary

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



213.4210, 8.1734, -8.2622



220.5790, -8.1734, 8.2622

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.



212.5780, -6.6940, 0.3701



213.4210, 8.1734, -8.2622



214.6550, -6.7319, 12.5806

Square

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



213.4210, 8.1734, -8.2622



216.0770, -0.0380, 12.2105



213.9810, -7.8786, 7.0327



211.6240, 0.1854, -12.8252

Rectangle

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



213.4210, 8.1734, -8.2622



215.7000, 5.0779, 4.6481



213.9810, -7.8786, 7.0327



212.3000, -5.0779, -4.6481

Sweetspot

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



213.4210, 8.1734, -8.2622



250.2600, 2.3368, -2.8590



220.9720, -0.9722, -14.8844



124.4450, 1.7526, -2.1443



0.0000, 0.0000, 0.0000



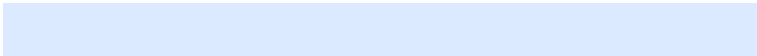
128.0000, 0.0000, 0.0000

Same Dimension

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



213.4210, 8.1734, -8.2622



231.9090, 11.3839, -11.3212



207.5620, 11.0619, -1.3699



107.3030, 3.7946, -3.7737



65.0180, 56.1931, -57.0208



18.7280, 15.9101, -16.4245

Inverse Universe

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



213.0280, 0.9722, 14.8844



231.4740, 1.2453, 20.6323



226.4380, -11.0619, 1.3699



107.1580, 0.4151, 6.8774



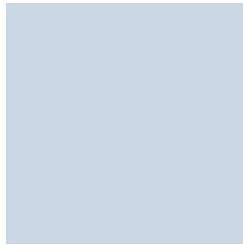
62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 213.4210, 8.1734, -8.2622 looks on a white background.

Color Contrast Check

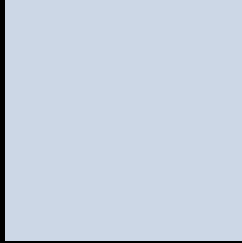
Large Text (above 18pt) WCAG AA × Fail

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 213.4210, 8.1734, -8.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

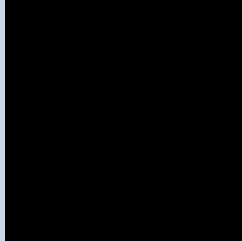
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

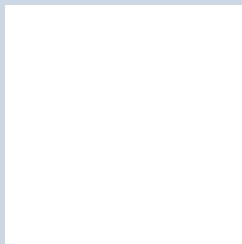
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.4210, 8.1734, -8.2622

Background



This preview shows how black text looks on a background with the YUV color 213.4210, 8.1734, -8.2622.



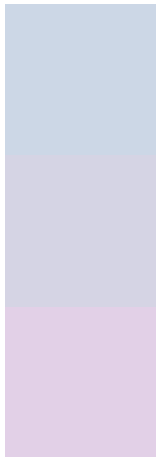
This preview shows how white text looks on a background with the YUV color 213.4210, 8.1734,

-8.2622.

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

213.4210, 8.1734, -8.2622

Protanopia

214.1230, 6.8414, -0.9849

Deuteranopia

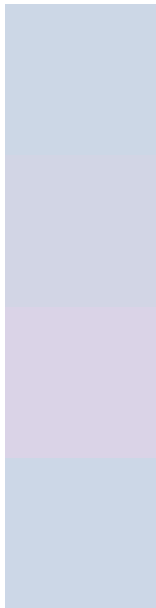
216.0040, 7.3930, 8.7665



Tritanopia

213.6490, 9.0470, -8.4622

Trichromacy



Original Color

213.4210, 8.1734, -8.2622

Protanomaly

213.9270, 7.4310, -3.4440

Deuteranomaly

215.3730, 7.7041, 2.3039

Tritanomaly

213.5350, 8.6102, -8.3622

Monochromacy



Original Color

213.4210, 8.1734, -8.2622

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.3740, 2.7736, -2.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4210, 8.1734, -8.2622 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(204, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 230)  
}
```

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(204, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 230) }
```

Border

The CSS property to change the border of an element to YUV 213.4210, 8.1734, -8.2622 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(204, 215, 230) }
```


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

```
.border{ border-color:rgb(204, 215, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 213.4210, 8.1734, -8.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 230) }
```

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

```
.background{ background-color: rgb(204,  
215, 230) }
```

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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