

Converting Colors

YUV(213.8680, 20.2781,
-17.4242)

Have a look what the booklet for
YUV(213.8680, 20.2781, -17.4242)
contains.

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Color

**YUV(213.8680, 20.2781,
-17.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D8FF
RGB	194, 216, 255
RGB Percent	76%, 85%, 100%
CMY	0.2392, 0.1529, 0.0000
CMYK	0.24, 0.15, 0.00, 0.00
HSL	218°, 100%, 88%
HSV	218°, 24%, 100%
XYZ	64.8540, 67.8011, 104.2765
YIQ	213.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

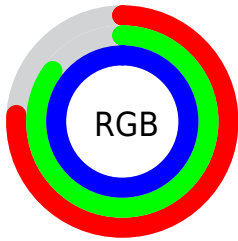
Format	Color
R_{YB}	194, 210, 255
Decimal	12769535
CIE _{Lab}	85.91, 0.93, -21.44
CIE _{LCh}	86, 21.458, 272.490
Yxy	67.8011, 0.2737, 0.2862
Android (android.graphics.Color)	4290959615 (0xFFC2D8FF)
YUV	213.8680, 20.2781, -17.4242
Hunter-Lab	82.3414, -3.5067, -17.4454

Details

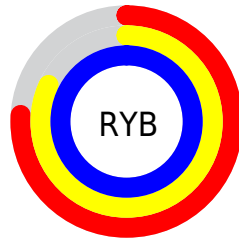
The YUV color $213.8680, 20.2781, -17.4242$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.1320, -20.2781, 17.4242$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $158.6400, 19.4045, -17.2243$ is the 20% darker color. If you saturate the color by 10%, you get $197.0010, 28.5935, -24.5569$, and if you desaturate by 10%, it is $230.7350, 11.9626, -10.2916$.

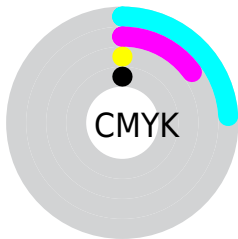
Distribution



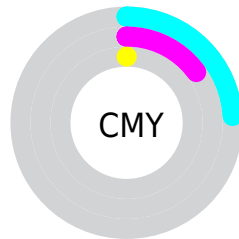
- Red (76%)
- Green (85%)
- Blue (100%)



- Red (76%)
- Yellow (82%)
- Blue (100%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8680, 20.2781, -17.4242 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 213.8680, 20.2781, -17.4242 by changing the saturation by 10% instead.

■ 213.8680, 20.2781,
-17.4242

■ 213.8680, 20.2781,
-17.4242

255.0000, 0.0000,
0.0000

■ 185.7540, 19.8413,
-17.3243

■ 253.8040, 0.5896,
-2.4591

■ 158.6400, 19.4045,
-17.2243

■ 132.5260, 18.9677,
-17.1243

■ 107.2980, 18.0941,
-16.9243

■ 82.8850, 17.8047,
-17.4391

■ 59.0590, 17.2259,
-18.4687

■ 35.0370, 17.2368,

-21.9574

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 213.8680, 20.2781,
-17.4242

■ 213.8680, 20.2781,
-17.4242

■ 197.0010, 28.5935,
-24.5569

■ 230.7350, 11.9626,
-10.2916

■ 179.2480, 37.3457,
-31.7895

■ 248.4880, 3.2104,
-3.0590

■ 162.3810, 45.6612,
-38.9221

255.0000, 0.0000,
0.0000

■ 145.2150, 54.1240,
-46.6696

■ 127.4620, 62.8762,
-53.9022

■ 110.5950, 71.1917,
-61.0348

■ 93.7280, 79.5071,
-68.1675

■ 83.0740, 84.7595,
-72.8559

Harmonies

Analogous

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



209.9430, 19.7481, -34.1530



213.8680, 20.2781, -17.4242



217.1480, 15.7030, 3.3782

Triad

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



213.8680, 20.2781, -17.4242



216.9350, -11.3070, 33.3830



209.3210, -7.0603, -22.2065

Complementary

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



213.8680, 20.2781, -17.4242



235.1320, -20.2781, 17.4242

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.



211.2540, -15.4082, -4.6078



213.8680, 20.2781, -17.4242



215.7680, -18.1266, 27.3905

Square

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



213.8680, 20.2781, -17.4242



218.6280, -2.2816, 31.8982



213.9250, -19.6830, 13.2208



207.5070, 4.1870, -36.4016

Rectangle

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



213.8680, 20.2781, -17.4242



218.2590, 10.7183, 15.5589



213.9250, -19.6830, 13.2208



209.6700, -9.6973, -16.3736

Sweetspot

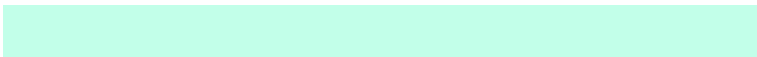
The Sweet Spot groups the original color and five complimentary colors.



213.8680, 20.2781, -17.4242



243.1610, 5.8366, -5.4032



234.2530, -0.6177, -35.3019



120.6020, 3.6472, -3.1590



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.



213.8680, 20.2781, -17.4242



205.2850, 24.5095, -21.2979



203.3460, 25.4654, -1.1804



118.8300, 4.5208, -3.3589



62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Inverse Universe

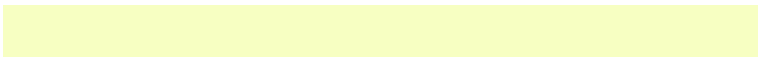
The Inverse Universe completely reimagines the original color for something new.



214.7470, 0.6177, 35.3019



206.2040, 0.8854, 42.7941



245.6540, -25.4654, 1.1804



119.3430, -0.1691, 7.5922



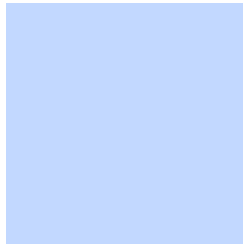
64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 213.8680, 20.2781, -17.4242 looks on a white background.

Color Contrast Check

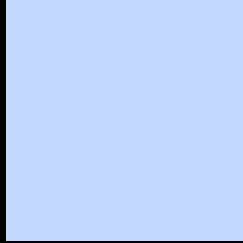
Large Text (above 18pt) WCAG AA × Fail

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 213.8680, 20.2781, -17.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

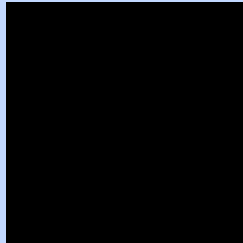
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

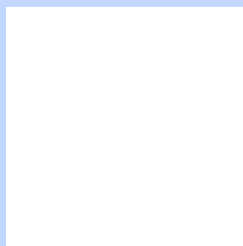
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.8680, 20.2781, -17.4242

Background



This preview shows how black text looks on a background with the YUV color 213.8680, 20.2781, -17.4242.



This preview shows how white text looks on a background with the YUV color 213.8680, 20.2781, -17.4242.

-17.4242.

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

213.8680, 20.2781, -17.4242

Protanopia

215.7660, 18.3564, -7.6878

Deuteranopia

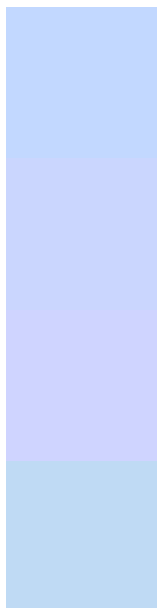
216.6250, 18.9189, -1.4251



Tritanopia

212.3810, 12.1372, -19.6281

Trichromacy



Original Color

213.8680, 20.2781, -17.4242

Protanomaly

214.9720, 19.2408, -11.3764

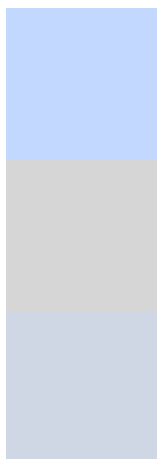
Deuteranomaly

215.4070, 19.5193, -7.3729

Tritanomaly

212.8910, 15.3367, -19.1984

Monochromacy



Original Color

213.8680, 20.2781, -17.4242

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8680, 20.2781, -17.4242 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(194, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 216, 255)  
}
```

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(194, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 216, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.8680, 20.2781, -17.4242 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(194, 216, 255) }
```


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

```
.border{ border-color:rgb(194, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 216,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.8680, 20.2781, -17.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 216, 255) }
```

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

```
.background{ background-color: rgb(194,  
216, 255) }
```

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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