

Converting Colors

YUV(217.3900, 18.5417,
-20.5130)

Have a look what the booklet for
YUV(217.3900, 18.5417, -20.5130)
contains.

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Color

**YUV(217.3900, 18.5417,
-20.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DEFF
RGB	194, 222, 255
RGB Percent	76%, 87%, 100%
CMY	0.2392, 0.1294, 0.0000
CMYK	0.24, 0.13, 0.00, 0.00
HSL	212°, 100%, 88%
HSV	212°, 24%, 100%
XYZ	66.4194, 70.9319, 104.7983
YIQ	217.3900, -27.2810, 4.3270

Conversions

Conversions Part 2

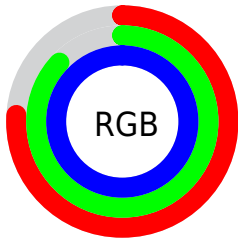
Format	Color
R_{YB}	194, 213, 255
Decimal	12771071
CIE _{Lab}	87.45, -2.21, -19.10
CIE _{LCh}	87, 19.230, 263.389
Yxy	70.9319, 0.2743, 0.2929
Android (android.graphics.Color)	4290961151 (0xFFC2DEFF)
YUV	217.3900, 18.5417, -20.5130
Hunter-Lab	84.2211, -6.6161, -14.8212

Details

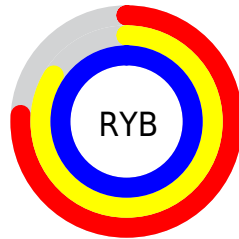
The YUV color $217.3900, 18.5417, -20.5130$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $231.6100, -18.5417, 20.5130$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $162.1620, 17.6681, -20.3131$ is the 20% darker color. If you saturate the color by 10%, you get $201.6970, 26.2784, -28.6753$, and if you desaturate by 10%, it is $233.0830, 10.8051, -12.3508$.

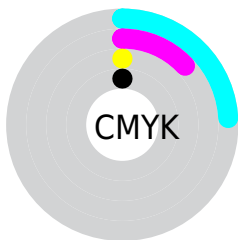
Distribution



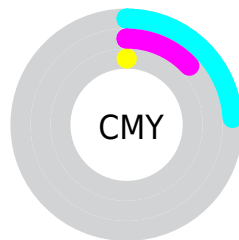
- Red (76%)
- Green (87%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.3900, 18.5417, -20.5130 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 217.3900, 18.5417, -20.5130 by changing the saturation by 10% instead.

■ 217.3900, 18.5417,
-20.5130

■ 217.3900, 18.5417,
-20.5130

255.0000, 0.0000,
0.0000

■ 189.2760, 18.1049,
-20.4131

■ 253.8040, 0.5896,
-2.4591

■ 162.1620, 17.6681,
-20.3131

■ 136.0480, 17.2313,
-20.2131

■ 109.9340, 16.7945,
-20.1131

■ 85.5210, 16.5051,
-20.6279

■ 61.4070, 16.0683,
-20.5279

■ 37.3850, 16.0792,

-24.0166

■ 20.1470, 13.7315,
-17.6689

■ 3.6650, 11.5042,
-3.2142

■ 217.3900, 18.5417,
-20.5130

■ 217.3900, 18.5417,
-20.5130

■ 201.6970, 26.2784,
-28.6753

■ 233.0830, 10.8051,
-12.3508

■ 185.7050, 34.1624,
-37.4523

■ 249.0750, 2.9210,
-3.5738

■ 170.5990, 41.6097,
-46.1293

■ 255.0000, 0.0000,
0.0000

■ 154.6070, 49.4937,
-54.9063

■ 138.6150, 57.3778,
-63.6834

■ 122.9220, 65.1145,
-71.8456

■ 107.2290, 72.8511,
-80.0078

■ 97.7490, 77.5247,
-85.7259

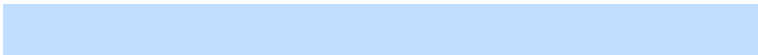
Harmonies

Analogous

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



214.1450, 16.6905, -33.4532



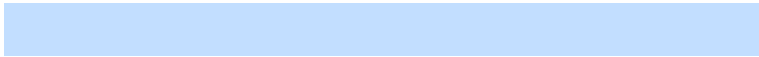
217.3900, 18.5417, -20.5130



220.5170, 16.0141, -3.0844

Triad

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



217.3900, 18.5417, -20.5130



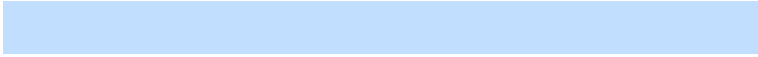
221.1240, -7.9491, 29.7093



214.6100, -8.6817, -15.4440

Complementary

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



217.3900, 18.5417, -20.5130



231.6100, -18.5417, 20.5130

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.



216.7000, -15.1351, 1.1401



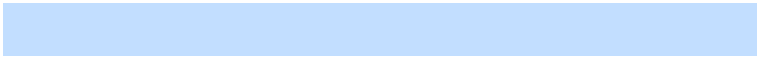
217.3900, 18.5417, -20.5130



220.9790, -14.7796, 27.2054

Square

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



217.3900, 18.5417, -20.5130



222.9910, 0.4974, 27.1949



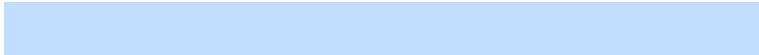
219.4030, -17.9467, 16.3096



213.2260, 0.3816, -29.1392

Rectangle

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



217.3900, 18.5417, -20.5130



222.1550, 11.7556, 9.5111



219.4030, -17.9467, 16.3096



215.5460, -11.6082, -10.1258

Sweetspot

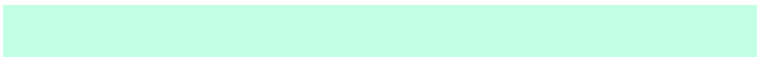
The Sweet Spot groups the original color and five complimentary colors.



217.3900, 18.5417, -20.5130



243.7480, 5.5472, -5.9180



233.5690, -3.2385, -34.7020



121.1890, 3.3578, -3.6738



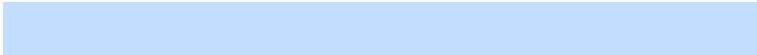
0.0000, 0.0000, 0.0000



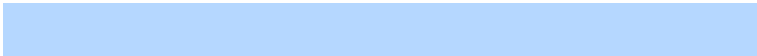
128.0000, 0.0000, 0.0000

Same Dimension

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



217.3900, 18.5417, -20.5130



209.3940, 22.4838, -24.9015



201.5520, 26.3499, -4.8691



120.0040, 3.9420, -4.3885



73.4300, 57.9620, -64.3981



24.3190, 19.5627, -21.3278

Inverse Universe

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



215.4310, 3.2385, 34.7020



207.0020, 3.9430, 42.0942



247.4480, -26.3499, 4.8691



119.5710, 0.7045, 7.3922



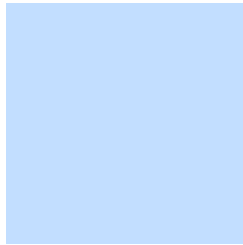
67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 217.3900, 18.5417, -20.5130 looks on a white background.

Color Contrast Check

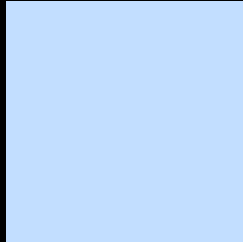
Large Text (above 18pt) WCAG AA × Fail

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 217.3900, 18.5417, -20.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

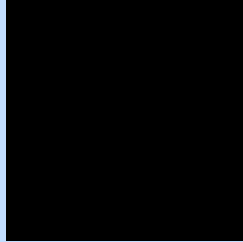
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

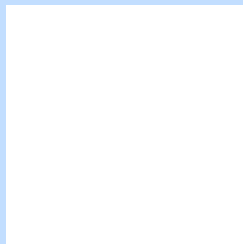
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.3900, 18.5417, -20.5130

Background



This preview shows how black text looks on a background with the YUV color 217.3900, 18.5417, -20.5130.



This preview shows how white text looks on a background with the YUV color 217.3900, 18.5417, -20.5130.

-20.5130.

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

217.3900, 18.5417, -20.5130

Protanopia

219.7940, 15.8776, -5.9583

Deuteranopia

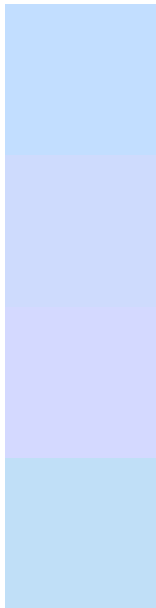
221.0660, 16.7295, 0.8191



Tritanopia

216.1850, 12.7268, -22.0872

Trichromacy



Original Color

217.3900, 18.5417, -20.5130

Protanomaly

218.9890, 16.7674, -11.3914

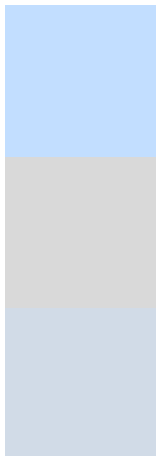
Deuteranomaly

219.8370, 17.3354, -6.8730

Tritanomaly

216.4670, 15.0528, -21.4576

Monochromacy



Original Color

217.3900, 18.5417, -20.5130

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.3780, 6.7156, -7.3475

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.3900, 18.5417, -20.5130 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 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, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 255) }
```

Border

The CSS property to change the border of an element to YUV 217.3900, 18.5417, -20.5130 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, 222, 255) }
```


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

```
.border{ border-color:rgb(194, 222, 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, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 217.3900, 18.5417, -20.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 255) }
```

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

```
.background{ background-color: rgb(194,  
222, 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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