

Converting Colors

YUV(213.4920, 20.4634,
-30.2495)

Have a look what the booklet for
YUV(213.4920, 20.4634, -30.2495)
contains.

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Color

**YUV(213.4920, 20.4634,
-30.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DFFF
RGB	179, 223, 255
RGB Percent	70%, 87%, 100%
CMY	0.2980, 0.1255, 0.0000
CMYK	0.30, 0.13, 0.00, 0.00
HSL	205°, 100%, 85%
HSV	205°, 30%, 100%
XYZ	63.0281, 69.5791, 104.7159
YIQ	213.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

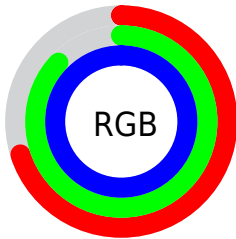
Format	Color
RYB	179, 207, 255
Decimal	11788287
CIELab	86.79, -7.04, -20.19
CIELCh	87, 21.385, 250.766
Yxy	69.5791, 0.2656, 0.2932
Android (android.graphics.Color)	4289978367 (0xFFB3DFFF)
YUV	213.4920, 20.4634, -30.2495
Hunter-Lab	83.4141, -11.0991, -16.0413

Details

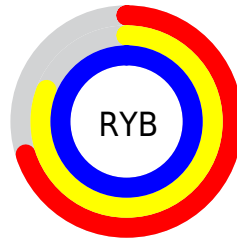
The YUV color $213.4920, 20.4634, -30.2495$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $220.5080, -20.4634, 30.2495$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $158.2640, 19.5898, -30.0495$ is the 20% darker color. If you saturate the color by 10%, you get $199.2610, 27.4793, -40.5709$, and if you desaturate by 10%, it is $227.4240, 13.5950, -20.5428$.

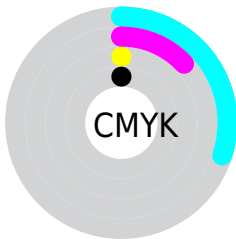
Distribution



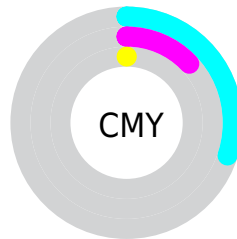
- Red (70%)
- Green (87%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- Blue (100%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4920, 20.4634, -30.2495 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 213.4920, 20.4634, -30.2495 by changing the saturation by 10% instead.

■ 213.4920, 20.4634,
-30.2495

■ 213.4920, 20.4634,
-30.2495

255.0000, 0.0000,
0.0000

■ 185.3780, 20.0266,
-30.1495

■ 249.3190, 2.8007,
-11.6808

■ 158.2640, 19.5898,
-30.0495

■ 131.5630, 19.4424,
-29.4348

■ 105.7370, 18.8637,
-30.4643

■ 80.4380, 19.0111,
-31.0791

■ 54.5190, 19.4641,
-36.4122

■ 34.9820, 17.2639,

-30.6792

■ 20.7340, 13.4421,
-18.1837

■ 3.6650, 11.5042,
-3.2142

■ 213.4920, 20.4634,
-30.2495

■ 213.4920, 20.4634,
-30.2495

■ 199.2610, 27.4793,
-40.5709

■ 227.4240, 13.5950,
-20.5428

■ 185.9160, 34.0584,
-50.7923

■ 241.0680, 6.8685,
-9.7066

■ 171.6850, 41.0743,
-61.1137

255.0000, 0.0000,
0.0000

■ 157.7530, 47.9428,
-70.8204

■ 143.5220, 54.9587,
-81.1418

■ 130.1770, 61.5377,
-91.3632

■ 115.9460, 68.5536,
-101.6846

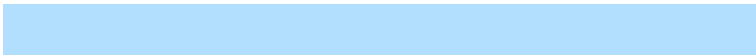
Harmonies

Analogous

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



209.9870, 16.2754, -40.3306



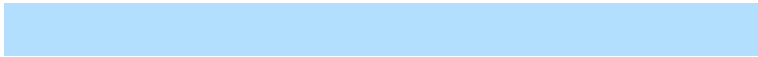
213.4920, 20.4634, -30.2495



217.4450, 18.5146, -11.7913

Triad

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



213.4920, 20.4634, -30.2495



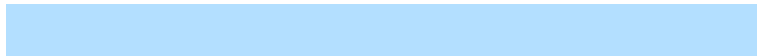
219.4600, -4.1708, 31.1686



213.0900, -13.3554, -9.7259

Complementary

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



213.4920, 20.4634, -30.2495



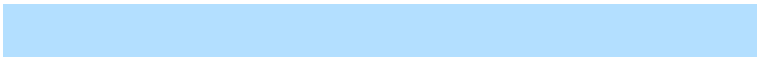
220.5080, -20.4634, 30.2495

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.



215.7180, -19.0880, 9.0173



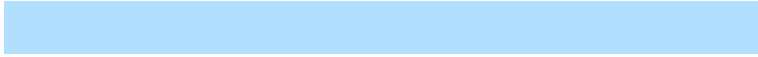
213.4920, 20.4634, -30.2495



219.0550, -13.3381, 31.5238

Square

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



213.4920, 20.4634, -30.2495



221.4190, 4.7234, 25.0655



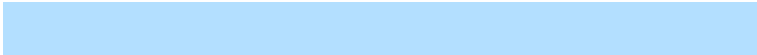
218.2190, -18.8420, 23.4869



210.7980, -3.8444, -27.0098

Rectangle

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



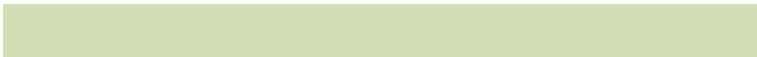
213.4920, 20.4634, -30.2495



219.5500, 15.9978, 2.1486



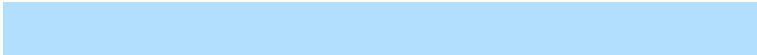
218.2190, -18.8420, 23.4869



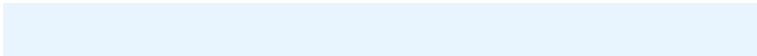
213.8520, -15.7030, -3.3782

Sweetspot

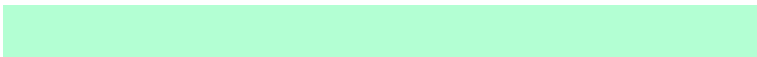
The Sweet Spot groups the original color and five complimentary colors.



213.4920, 20.4634, -30.2495



242.2530, 6.2843, -8.9919



227.2600, -8.0162, -42.3240



119.9930, 3.9475, -6.1329



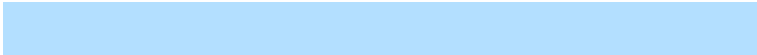
0.0000, 0.0000, 0.0000



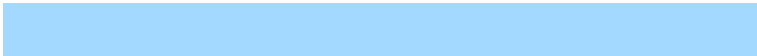
128.0000, 0.0000, 0.0000

Same Dimension

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



213.4920, 20.4634, -30.2495



204.5990, 24.8477, -36.4823



191.1860, 31.4603, -10.6871



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Inverse Universe

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



206.7400, 8.0162, 42.3240



196.5500, 9.5889, 51.2607



242.8140, -31.4603, 10.6871



119.6850, 1.1413, 7.2923



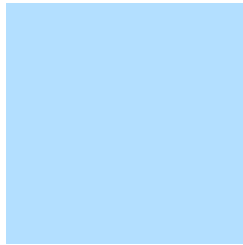
69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 213.4920, 20.4634, -30.2495 looks on a white background.

Color Contrast Check

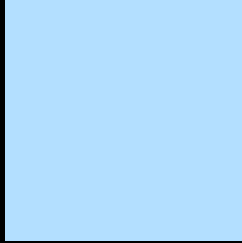
Large Text (above 18pt) WCAG AA × Fail

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 213.4920, 20.4634, -30.2495 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

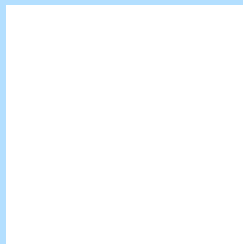
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.4920, 20.4634, -30.2495

Background



This preview shows how black text looks on a background with the YUV color 213.4920, 20.4634, -30.2495.



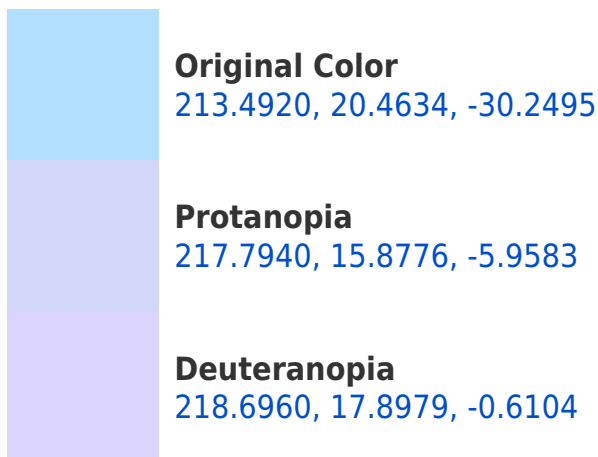
This preview shows how white text looks on a background with the YUV color 213.4920, 20.4634, -30.2495.

-30.2495.

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





Tritanopia

212.4010, 15.0853, -31.9237

Trichromacy



Original Color

213.4920, 20.4634, -30.2495

Protanomaly

216.1950, 17.6519, -15.0800

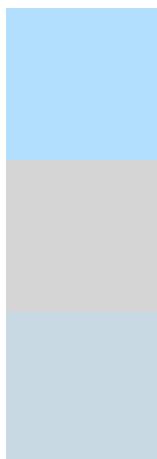
Deuteranomaly

216.8580, 18.8040, -11.2765

Tritanomaly

212.5690, 16.9745, -31.1940

Monochromacy



Original Color

213.4920, 20.4634, -30.2495

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.4700, 7.1633, -10.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4920, 20.4634, -30.2495 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(179, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 223, 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(179, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 223, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.4920, 20.4634, -30.2495 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(179, 223, 255) }
```


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

```
.border{ border-color:rgb(179, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 223,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.4920, 20.4634, -30.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 223, 255) }
```

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

```
.background{ background-color: rgb(179,  
223, 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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