

Converting Colors

YUV(214.7920, 18.8365,
-21.7426)

Have a look what the booklet for
YUV(214.7920, 18.8365, -21.7426)
contains.

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Color

**YUV(214.7920, 18.8365,
-21.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDCFD
RGB	190, 220, 253
RGB Percent	75%, 86%, 99%
CMY	0.2549, 0.1373, 0.0078
CMYK	0.25, 0.13, 0.00, 0.01
HSL	211°, 94%, 87%
HSV	211°, 25%, 99%
XYZ	64.5580, 69.2254, 102.8878
YIQ	214.7920, -28.4730, 3.9030

Conversions

Conversions Part 2

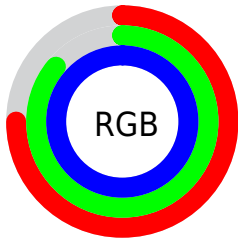
Format	Color
R_{YB}	190, 210, 253
Decimal	12508413
CIE _{Lab}	86.62, -2.79, -19.34
CIE _{LCh}	87, 19.537, 261.781
Yxy	69.2254, 0.2728, 0.2925
Android (android.graphics.Color)	4290698493 (0xFFBEDCFD)
YUV	214.7920, 18.8365, -21.7426
Hunter-Lab	83.2018, -7.1013, -15.0771

Details

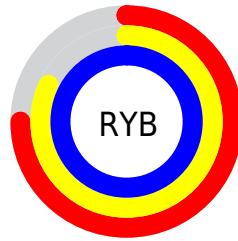
The YUV color $214.7920, 18.8365, -21.7426$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.2080, -18.8365, 21.7426$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $159.5640, 17.9629, -21.5426$ is the 20% darker color. If you saturate the color by 10%, you get $199.6860, 26.2838, -30.4196$, and if you desaturate by 10%, it is $229.8980, 11.3893, -13.0655$.

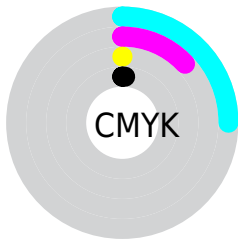
Distribution



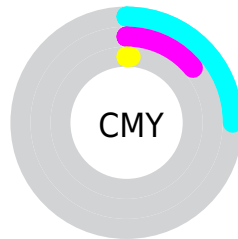
- Red (75%)
- Green (86%)
- Blue (99%)



- Red (75%)
- Yellow (82%)
- Blue (99%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7920, 18.8365, -21.7426 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 214.7920, 18.8365, -21.7426 by changing the saturation by 10% instead.

■ 214.7920, 18.8365,
-21.7426

■ 214.7920, 18.8365,
-21.7426

255.0000, 0.0000,
0.0000

■ 186.6780, 18.3997,
-21.6426

■ 252.6080, 1.1793,
-4.9182

■ 159.5640, 17.9629,
-21.5426

■ 133.4500, 17.5262,
-21.4426

■ 107.7490, 17.3787,
-20.8279

■ 83.2220, 16.6526,
-21.2427

■ 59.0970, 16.2212,
-22.8871

■ 34.5910, 16.9636,

-27.7053

■ 18.7450, 13.4367,
-16.4394

■ 3.4370, 10.6306,
-3.0142

■ 214.7920, 18.8365,
-21.7426

■ 214.7920, 18.8365,
-21.7426

■ 199.6860, 26.2838,
-30.4196

■ 229.8980, 11.3893,
-13.0655

■ 183.6940, 34.1679,
-39.1966

■ 245.8900, 3.5052,
-4.2885

■ 168.5880, 41.6151,
-47.8737

■ 254.7720, -0.8736,
0.2000

■ 153.4820, 49.0624,
-56.5507

■ 138.3760, 56.5096,
-65.2278

■ 122.3840, 64.3937,
-74.0048

■ 107.2780, 71.8409,
-82.6818

■ 99.2820, 75.7830,
-87.0703

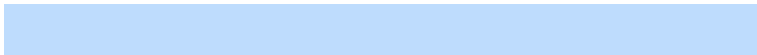
Harmonies

Analogous

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



211.7320, 16.4011, -33.9680



214.7920, 18.8365, -21.7426



218.2180, 16.1615, -3.6992

Triad

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



214.7920, 18.8365, -21.7426



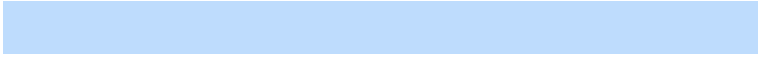
219.2490, -7.5178, 31.3536



212.6810, -9.7027, -14.6292

Complementary

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



214.7920, 18.8365, -21.7426



228.2080, -18.8365, 21.7426

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.



214.7710, -16.1561, 1.9548



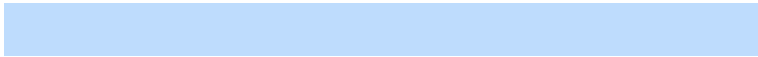
214.7920, 18.8365, -21.7426



218.5770, -15.0745, 28.4350

Square

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



214.7920, 18.8365, -21.7426



220.2190, 1.3710, 26.9949



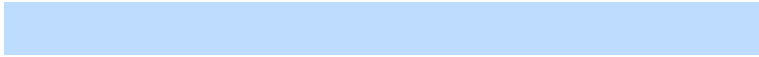
217.0010, -18.2415, 17.5391



210.2260, 0.3816, -29.1392

Rectangle

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



214.7920, 18.8365, -21.7426



219.6710, 12.4872, 8.1815



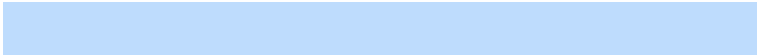
217.0010, -18.2415, 17.5391



213.1440, -11.9030, -8.8963

Sweetspot

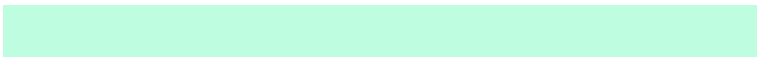
The Sweet Spot groups the original color and five complimentary colors.



214.7920, 18.8365, -21.7426



244.3350, 5.2578, -6.4328



230.7430, -3.8173, -35.7316



121.1890, 3.3578, -3.6738



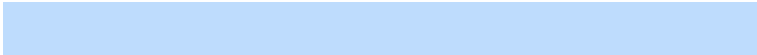
0.0000, 0.0000, 0.0000



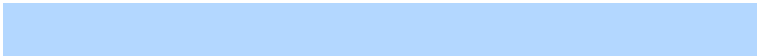
128.0000, 0.0000, 0.0000

Same Dimension

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



214.7920, 18.8365, -21.7426



208.7960, 22.7786, -26.1311



197.4810, 27.3709, -5.6838



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Inverse Universe

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



212.2570, 3.8173, 35.7316



205.8280, 4.5218, 43.1238



245.5190, -27.3709, 5.6838



119.5710, 0.7045, 7.3922



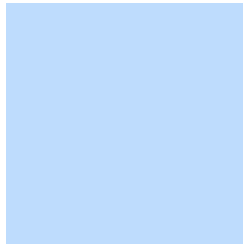
67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 214.7920, 18.8365, -21.7426 looks on a white background.

Color Contrast Check

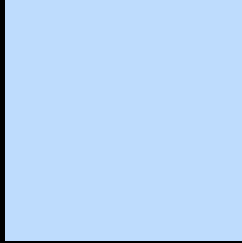
Large Text (above 18pt) WCAG AA × Fail

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 214.7920, 18.8365, -21.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

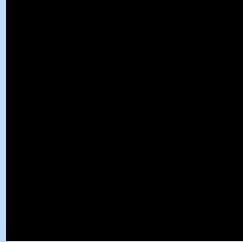
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

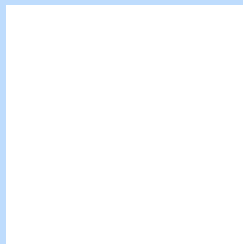
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.7920, 18.8365, -21.7426

Background



This preview shows how black text looks on a background with the YUV color 214.7920, 18.8365, -21.7426.



This preview shows how white text looks on a background with the YUV color 214.7920, 18.8365, -21.7426.

-21.7426.

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

214.7920, 18.8365, -21.7426

Protanopia

217.3810, 15.5882, -6.4731

Deuteranopia

218.4080, 18.0399, 0.5192



Tritanopia

213.5870, 13.0216, -23.3168

Trichromacy



Original Color

214.7920, 18.8365, -21.7426

Protanomaly

216.5760, 16.4780, -11.9062

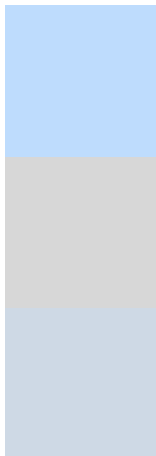
Deuteranomaly

216.7660, 18.3564, -7.6878

Tritanomaly

213.8690, 15.3476, -22.6871

Monochromacy



Original Color

214.7920, 18.8365, -21.7426

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7920, 18.8365, -21.7426 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(190, 220, 253)` looks like.

```
.text, #text, p{  
    color:rgb(190, 220, 253)  
}
```

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(190, 220, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 220, 253) }
```

Border

The CSS property to change the border of an element to YUV 214.7920, 18.8365, -21.7426 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(190, 220, 253) }
```


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

```
.border{ border-color:rgb(190, 220, 253) }
```

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

Here you see how a box with a 4 pixel rgb(190, 220, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 220, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 220, 253);  
box-shadow:4px 4px 4px 4px rgb(190, 220,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 214.7920, 18.8365, -21.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 220, 253) }
```

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

```
.background{ background-color: rgb(190,  
220, 253) }
```

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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