

Converting Colors

YUV(213.4420, 19.5021,
-48.6226)

Have a look what the booklet for
YUV(213.4420, 19.5021, -48.6226)
contains.

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Color

**YUV(213.4420, 19.5021,
-48.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	9EEAFD
RGB	158, 234, 253
RGB Percent	62%, 92%, 99%
CMY	0.3804, 0.0824, 0.0078
CMYK	0.38, 0.08, 0.00, 0.01
HSL	192°, 96%, 81%
HSV	192°, 38%, 99%
XYZ	61.2530, 73.2066, 103.8304
YIQ	213.4420, -51.3950, -10.2030

Conversions

Conversions Part 2

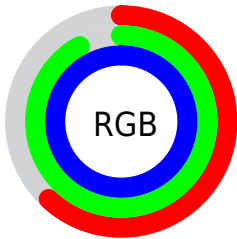
Format	Color
RYB	158, 200, 253
Decimal	10414845
CIELab	88.55, -18.75, -16.61
CIElCh	89, 25.044, 221.534
Yxy	73.2066, 0.2571, 0.3072
Android (android.graphics.Color)	4288604925 (0xFF9EEAFD)
YUV	213.4420, 19.5021, -48.6226
Hunter-Lab	85.5608, -21.9434, -12.0574

Details

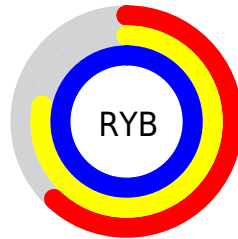
The YUV color **213.4420, 19.5021, -48.6226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.5580, -19.5021, 48.6226**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **157.3280, 19.0653, -48.5227** is the 20% darker color. If you saturate the color by 10%, you get **203.0320, 24.6342, -61.4181**, and if you desaturate by 10%, it is **223.8520, 14.3700, -35.8272**.

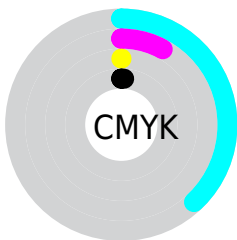
Distribution



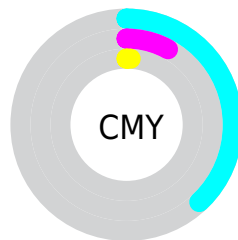
- Red (62%)
- Green (92%)
- Blue (99%)



- Red (62%)
- Yellow (78%)
- Blue (99%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4420, 19.5021, -48.6226 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 213.4420, 19.5021, -48.6226 by changing the saturation by 10% instead.

213.4420, 19.5021,
-48.6226

213.4420, 19.5021,
-48.6226

255.0000, 0.0000,
0.0000

185.3280, 19.0653,
-48.5227

243.3390, 5.7489,
-23.9763

157.3280, 19.0653,
-48.5227

252.0100, 1.4741,
-6.1478

129.7300, 19.3601,
-49.7522

102.5340, 19.9497,
-52.2113

72.0380, 22.1663,
-63.1773

55.1000, 18.1917,
-48.3227

38.9770, 14.8013,

-34.1828

■ 24.0280, 10.8322,
-21.0726

■ 3.5510, 11.0674,
-3.1142

■ 213.4420, 19.5021,
-48.6226

■ 213.4420, 19.5021,
-48.6226

■ 203.0320, 24.6342,
-61.4181

■ 223.8520, 14.3700,
-35.8272

■ 192.3230, 29.9138,
-74.8283

■ 234.5610, 9.0904,
-22.4170

■ 181.9130, 35.0459,
-87.6237

■ 244.9710, 3.9583,
-9.6216

■ 171.5030, 40.1780,
-100.4191

■ 254.1850, -0.5842,
0.7148

■ 161.0930, 45.3102, 254.7720, -0.8736,
-113.2146 0.2000

■ 150.3840, 50.5897,
-126.6248

■ 147.4160, 52.0529,
-129.2838

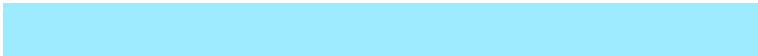
Harmonies

Analogous

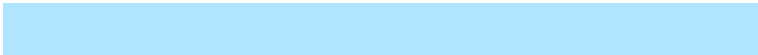
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.7060, 9.0189, -46.2232



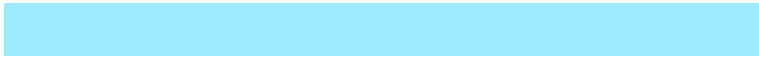
213.4420, 19.5021, -48.6226



216.1170, 19.1693, -35.1826

Triad

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



213.4420, 19.5021, -48.6226



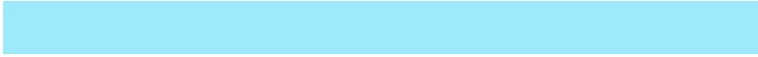
224.8860, 6.4652, 26.4100



220.5070, -22.4350, 9.2024

Complementary

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



213.4420, 19.5021, -48.6226



197.5580, -19.5021, 48.6226

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.



223.0300, -22.1998, 27.1607



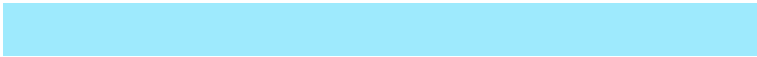
213.4420, 19.5021, -48.6226



220.9760, -3.4392, 29.8390

Square

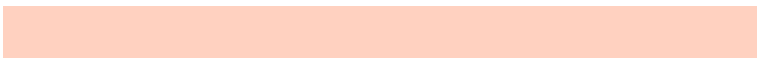
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.4420, 19.5021, -48.6226



225.2630, 14.6603, 11.1703



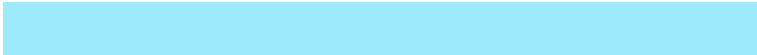
220.8160, -14.2063, 29.9794



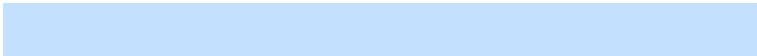
217.2100, -15.3865, -11.5852

Rectangle

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



213.4420, 19.5021, -48.6226



219.1620, 17.6681, -20.3131



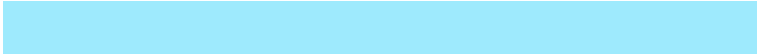
220.8160, -14.2063, 29.9794



221.1380, -22.7460, 15.6650

Sweetspot

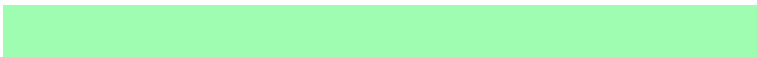
The Sweet Spot groups the original color and five complimentary colors.



213.4420, 19.5021, -48.6226



243.1060, 5.8637, -14.1250



215.9310, -19.1930, -50.8055



120.5690, 3.6635, -8.3920



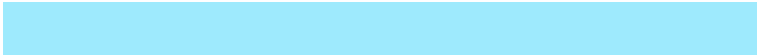
0.0000, 0.0000, 0.0000



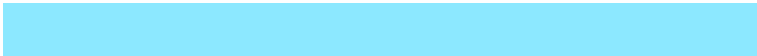
128.0000, 0.0000, 0.0000

Same Dimension

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



213.4420, 19.5021, -48.6226



207.1140, 23.6078, -58.8590



185.8530, 33.1035, -24.4271



122.3520, 2.7845, -6.4477



111.5850, 39.1516, -97.8600



37.2330, 13.1961, -32.6533

Inverse Universe

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



195.0690, 19.1930, 50.8055



184.8730, 23.2336, 61.5014



225.7340, -33.3929, 23.9123



120.0270, 2.4517, 6.9923



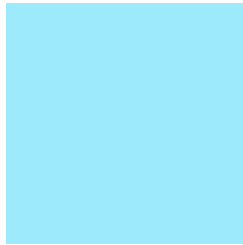
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 213.4420, 19.5021, -48.6226 looks on a white background.

Color Contrast Check

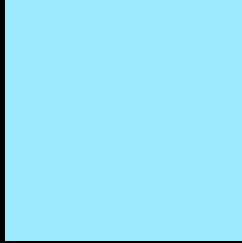
Large Text (above 18pt) WCAG AA × Fail

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 213.4420, 19.5021, -48.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

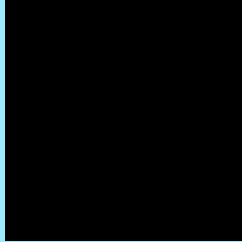
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.4420, 19.5021, -48.6226

Background



This preview shows how black text looks on a background with the YUV color 213.4420, 19.5021, -48.6226.



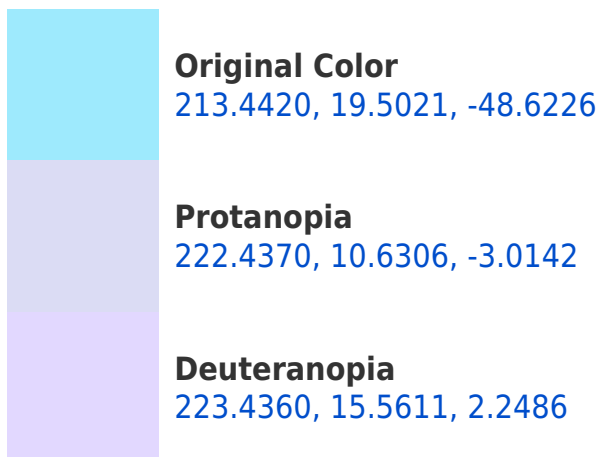
This preview shows how white text looks on a background with the YUV color 213.4420, 19.5021, -48.6226.

-48.6226.

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

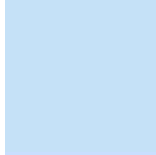
213.4420, 19.5021, -48.6226

Trichromacy



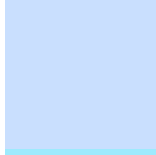
Original Color

213.4420, 19.5021, -48.6226



Protanomaly

219.1360, 13.7370, -19.4133



Deuteranomaly

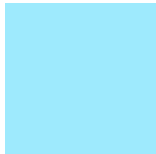
219.9560, 16.7837, -16.6244



Tritanomaly

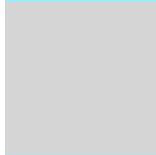
213.4420, 19.5021, -48.6226

Monochromacy



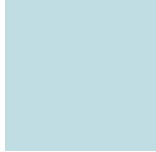
Original Color

213.4420, 19.5021, -48.6226



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.4260, 7.1850, -17.9136

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4420, 19.5021, -48.6226 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(158, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(158, 234, 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(158, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 234, 253) }
```

Border

The CSS property to change the border of an element to YUV 213.4420, 19.5021, -48.6226 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(158, 234, 253) }
```


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

```
.border{ border-color:rgb(158, 234, 253) }
```

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

Here you see how a box with a 4 pixel rgb(158, 234, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(158, 234,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 213.4420, 19.5021, -48.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 234, 253) }
```

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

```
.background{ background-color: rgb(158,  
234, 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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