

Converting Colors

YUV(218.5250, 16.9962,
-38.1714)

Have a look what the booklet for
YUV(218.5250, 16.9962, -38.1714)
contains.

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Color

**YUV(218.5250, 16.9962,
-38.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	AFEAFD
RGB	175, 234, 253
RGB Percent	69%, 92%, 99%
CMY	0.3137, 0.0824, 0.0078
CMYK	0.31, 0.08, 0.00, 0.01
HSL	195°, 95%, 84%
HSV	195°, 31%, 99%
XYZ	64.8316, 75.0514, 103.9979
YIQ	218.5250, -41.2630, -6.5990

Conversions

Conversions Part 2

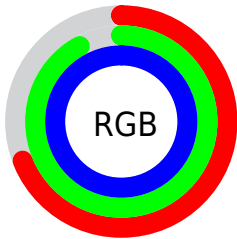
Format	Color
R _Y B	175, 209, 253
Decimal	11528957
CIE Lab	89.42, -14.25, -15.21
CIE LCh	89, 20.841, 226.868
Yxy	75.0514, 0.2658, 0.3077
Android (android.graphics.Color)	4289719037 (0xFFAFEAFD)
YUV	218.5250, 16.9962, -38.1714
Hunter-Lab	86.6322, -18.0251, -10.5323

Details

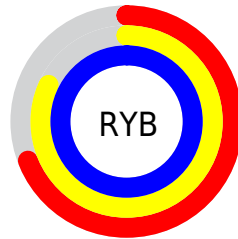
The YUV color **218.5250, 16.9962, -38.1714** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **209.4750, -16.9962, 38.1714**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1230, 3.3904, -14.1399**, and **162.7100, 16.4120, -37.4567** is the 20% darker color. If you saturate the color by 10%, you get **207.5280, 22.4177, -50.4521**, and if you desaturate by 10%, it is **229.5220, 11.5747, -25.8908**.

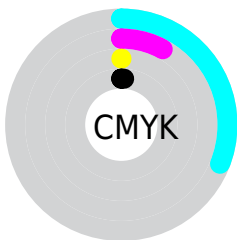
Distribution



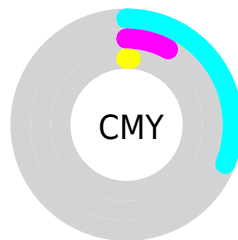
- Red (69%)
- Green (92%)
- Blue (99%)



- Red (69%)
- Yellow (82%)
- Blue (99%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5250, 16.9962, -38.1714 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 218.5250, 16.9962, -38.1714 by changing the saturation by 10% instead.

■ 218.5250, 16.9962,
-38.1714

■ 218.5250, 16.9962,
-38.1714

255.0000, 0.0000,
0.0000

■ 190.4110, 16.5594,
-38.0714

■ 248.1230, 3.3904,
-14.1399

■ 162.7100, 16.4120,
-37.4567

■ 135.7100, 16.4120,
-37.4567

■ 109.9980, 16.2700,
-38.5862

■ 83.4000, 16.5648,
-39.8158

■ 55.1000, 18.1917,
-48.3227

■ 39.5640, 14.5119,

-34.6976

■ 24.0280, 10.8322,
-21.0726

■ 3.5510, 11.0674,
-3.1142

■ 218.5250, 16.9962,
-38.1714

■ 218.5250, 16.9962,
-38.1714

■ 207.5280, 22.4177,
-50.4521

■ 229.5220, 11.5747,
-25.8908

■ 196.2320, 27.9866,
-63.3475

■ 240.8180, 6.0057,
-12.9954

■ 185.2350, 33.4081,
-75.6281

■ 251.8150, 0.5842,
-0.7148

■ 173.6510, 39.1191,
-87.3939

■ 254.7720, -0.8736,
0.2000

■ 162.6540, 44.5406,
-99.6746

■ 151.3580, 50.1095,
-112.5700

■ 140.9590, 55.2362,
-123.6210

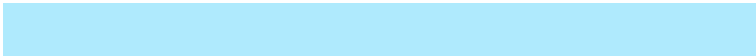
Harmonies

Analogous

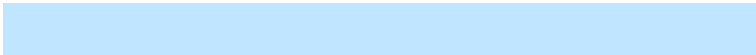
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.0490, 8.8498, -38.6310



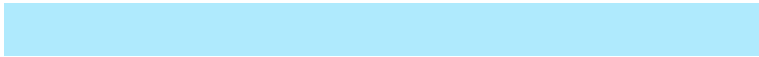
218.5250, 16.9962, -38.1714



220.9010, 16.8108, -25.3462

Triad

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



218.5250, 16.9962, -38.1714



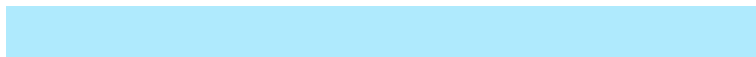
227.3650, 3.2711, 24.2359



222.7390, -17.6193, 4.6139

Complementary

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



218.5250, 16.9962, -38.1714



209.4750, -16.9962, 38.1714

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.



224.7950, -19.1259, 21.2278



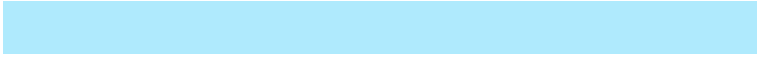
218.5250, 16.9962, -38.1714



224.4980, -5.1755, 26.7503

Square

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



218.5250, 16.9962, -38.1714



227.8780, 11.8921, 12.3850



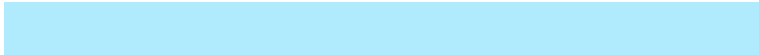
224.2070, -13.9061, 27.0055



220.2360, -11.4553, -12.4850

Rectangle

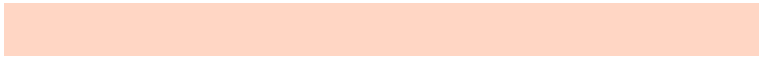
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.5250, 16.9962, -38.1714



223.3370, 15.6099, -13.4505



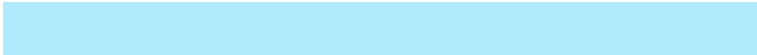
224.2070, -13.9061, 27.0055



223.7290, -19.0934, 10.7617

Sweetspot

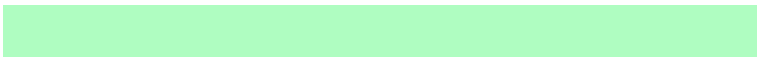
The Sweet Spot groups the original color and five complimentary colors.



218.5250, 16.9962, -38.1714



244.6010, 5.1267, -11.0511



222.8380, -14.7101, -41.9539



121.1670, 3.3687, -7.1625



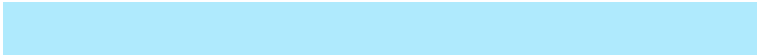
0.0000, 0.0000, 0.0000



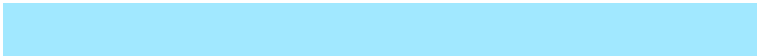
128.0000, 0.0000, 0.0000

Same Dimension

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



218.5250, 16.9962, -38.1714



213.3930, 20.5123, -45.9487



196.2190, 27.9930, -18.6091



121.7650, 3.0739, -5.9329



106.8890, 41.4667, -93.7417



35.4720, 14.0643, -31.1089

Inverse Universe

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



205.0480, 14.2733, 42.0539



197.2000, 17.1564, 50.6906



231.7810, -27.9930, 18.6091



119.9130, 2.0149, 7.0923



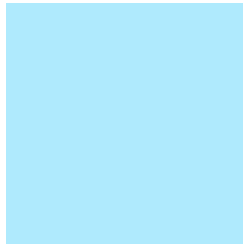
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 218.5250, 16.9962, -38.1714 looks on a white background.

Color Contrast Check

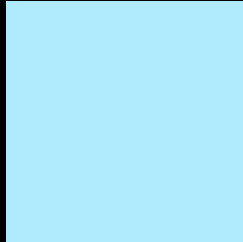
Large Text (above 18pt) WCAG AA × Fail

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 218.5250, 16.9962, -38.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

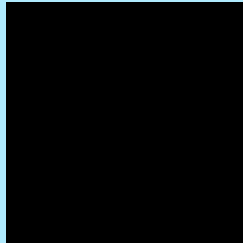
Any Text WCAG AA ✓ Pass

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 218.5250, 16.9962, -38.1714 Background



This preview shows how black text looks on a background with the YUV color 218.5250, 16.9962, -38.1714.



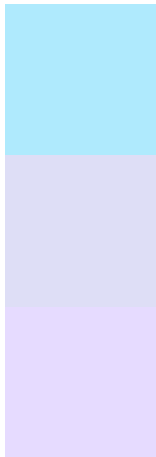
This preview shows how white text looks on a background with the YUV color 218.5250, 16.9962, -38.1714.

-38.1714.

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

218.5250, 16.9962, -38.1714

Protanopia

224.7360, 10.4832, -2.3995

Deuteranopia

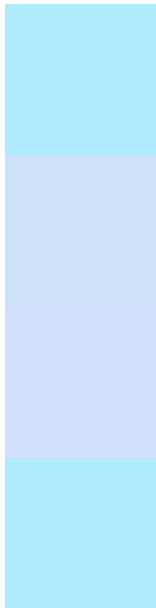
226.3930, 14.1033, 3.1633



Tritanopia

218.5250, 16.9962, -38.1714

Trichromacy



Original Color

218.5250, 16.9962, -38.1714

Protanomaly

222.3430, 13.1419, -15.2098

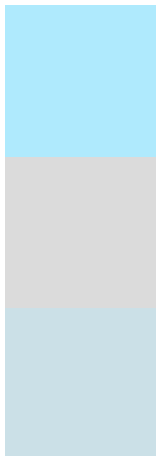
Deuteranomaly

223.2340, 15.1676, -11.6062

Tritanomaly

218.5250, 16.9962, -38.1714

Monochromacy



Original Color

218.5250, 16.9962, -38.1714

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.5190, 6.1531, -13.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5250, 16.9962, -38.1714 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(175, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 234, 253) }
```

Border

The CSS property to change the border of an element to YUV 218.5250, 16.9962, -38.1714 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(175, 234, 253) }
```


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

```
.border{ border-color:rgb(175, 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(175, 234, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(175, 234,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 218.5250, 16.9962, -38.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 234, 253) }
```

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

```
.background{ background-color: rgb(175,  
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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