

Converting Colors

YUV(213.7580, 20.3323,
-34.8678)

Have a look what the booklet for
YUV(213.7580, 20.3323, -34.8678)
contains.

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Color

**YUV(213.7580, 20.3323,
-34.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE2FF
RGB	174, 226, 255
RGB Percent	68%, 89%, 100%
CMY	0.3176, 0.1137, 0.0000
CMYK	0.32, 0.11, 0.00, 0.00
HSL	201°, 100%, 84%
HSV	201°, 32%, 100%
XYZ	62.7019, 70.6114, 104.9324
YIQ	213.7580, -40.3010, -2.0050

Conversions

Conversions Part 2

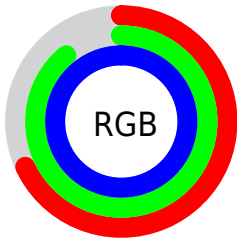
Format	Color
RYB	174, 206, 255
Decimal	11461375
CIELab	87.30, -9.98, -19.45
CIELCh	87, 21.865, 242.846
Yxy	70.6114, 0.2632, 0.2964
Android (android.graphics.Color)	4289651455 (0xFFAEE2FF)
YUV	213.7580, 20.3323, -34.8678
Hunter-Lab	84.0306, -13.8604, -15.2164

Details

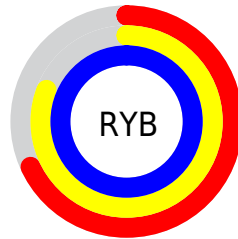
The YUV color **213.7580, 20.3323, -34.8678** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **215.2420, -20.3323, 34.8678**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, 3.5378, -14.7546**, and **158.5300, 19.4587, -34.6678** is the 20% darker color. If you saturate the color by 10%, you get **200.7010, 26.7694, -46.2188**, and if you desaturate by 10%, it is **226.8150, 13.8952, -23.5168**.

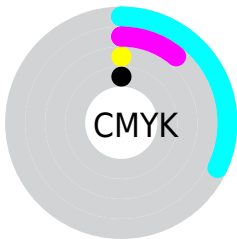
Distribution



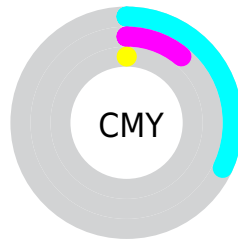
- Red (68%)
- Green (89%)
- Blue (100%)



- Red (68%)
- Yellow (81%)
- Blue (100%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7580, 20.3323, -34.8678 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 213.7580, 20.3323, -34.8678 by changing the saturation by 10% instead.

■ 213.7580, 20.3323,
-34.8678

■ 213.7580, 20.3323,
-34.8678

255.0000, 0.0000,
0.0000

■ 185.6440, 19.8955,
-34.7678

■ 247.8240, 3.5378,
-14.7546

■ 158.5300, 19.4587,
-34.6678

■ 131.5300, 19.4587,
-34.6678

■ 105.7040, 18.8799,
-35.6974

■ 79.8070, 19.3221,
-37.5417

■ 51.8060, 20.8016,
-45.4339

■ 36.1560, 16.6851,

-31.7088

■ 21.3210, 13.1527,
-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 213.7580, 20.3323,
-34.8678

■ 213.7580, 20.3323,
-34.8678

■ 200.7010, 26.7694,
-46.2188

■ 226.8150, 13.8952,
-23.5168

■ 187.9430, 33.0591,
-56.9550

■ 239.5730, 7.6055,
-12.7805

■ 175.1850, 39.3488,
-67.6912

■ 252.6300, 1.1684,
-1.4295

■ 161.5410, 46.0753,
-78.5275

■ 255.0000, 0.0000,
0.0000

■ 148.7830, 52.3650,
-89.2637

■ 135.7260, 58.8021,
-100.6147

■ 125.3380, 63.9234,
-109.9214

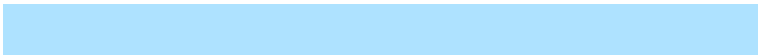
Harmonies

Analogous

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



211.1070, 14.2442, -42.1898



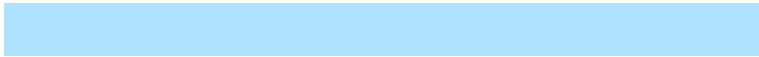
213.7580, 20.3323, -34.8678



217.4120, 18.5309, -17.0243

Triad

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



213.7580, 20.3323, -34.8678



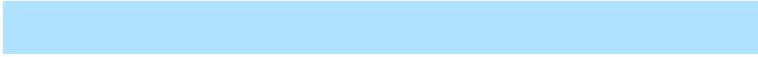
220.7310, -1.8394, 30.0539



215.2540, -15.4082, -4.6078

Complementary

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



213.7580, 20.3323, -34.8678



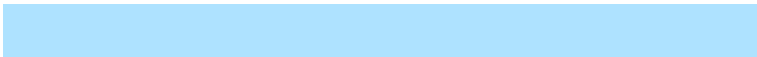
215.2420, -20.3323, 34.8678

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.



217.8110, -20.1198, 13.3208



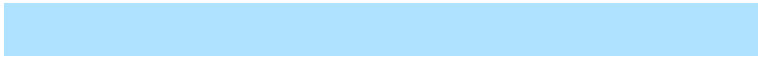
213.7580, 20.3323, -34.8678



219.6250, -11.1541, 31.0239

Square

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



213.7580, 20.3323, -34.8678



222.7930, 7.4971, 22.1065



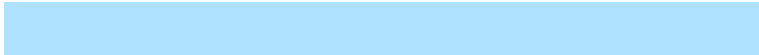
219.6540, -18.5634, 27.4904



213.0220, -6.9128, -22.8213

Rectangle

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



213.7580, 20.3323, -34.8678



219.8590, 17.3245, -3.3843



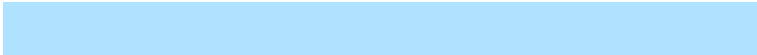
219.6540, -18.5634, 27.4904



216.0160, -17.7559, 1.7400

Sweetspot

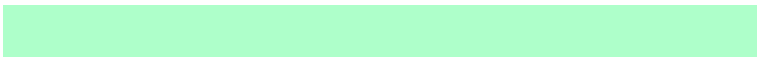
The Sweet Spot groups the original color and five complimentary colors.



213.7580, 20.3323, -34.8678



242.2420, 6.2897, -10.7362



224.7390, -11.2103, -44.4981



119.6940, 4.0949, -6.7476



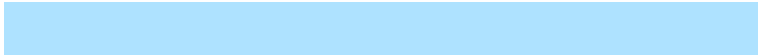
0.0000, 0.0000, 0.0000



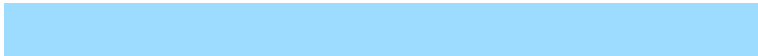
128.0000, 0.0000, 0.0000

Same Dimension

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



213.7580, 20.3323, -34.8678



205.4520, 24.4272, -41.6154



190.2780, 31.9079, -14.2758



121.1780, 3.3632, -5.4181



93.9750, 47.8333, -82.4161



31.3630, 16.0900, -27.5054

Inverse Universe

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



204.1470, 10.7735, 44.5981



194.0710, 12.7830, 53.4347



238.7220, -31.9079, 14.2758



119.7990, 1.5781, 7.1923



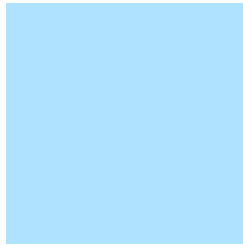
71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 213.7580, 20.3323, -34.8678 looks on a white background.

Color Contrast Check

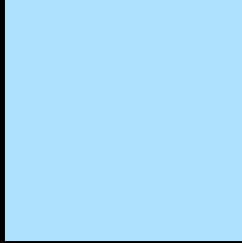
Large Text (above 18pt) WCAG AA × Fail

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 213.7580, 20.3323, -34.8678 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

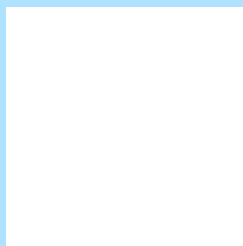
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.7580, 20.3323, -34.8678

Background



This preview shows how black text looks on a background with the YUV color 213.7580, 20.3323, -34.8678.



This preview shows how white text looks on a background with the YUV color 213.7580, 20.3323, -34.8678.

-34.8678.

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

213.7580, 20.3323, -34.8678

Protanopia

218.8650, 14.8566, -5.1436

Deuteranopia

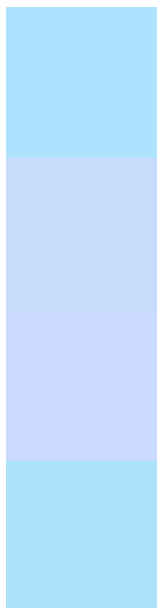
219.8810, 17.3137, 0.1044



Tritanopia

213.3080, 16.1172, -36.2271

Trichromacy



Original Color

213.7580, 20.3323, -34.8678

Protanomaly

217.2550, 16.6363, -16.0096

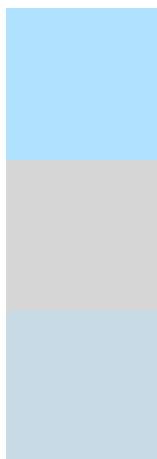
Deuteranomaly

217.7330, 18.3726, -12.9208

Tritanomaly

213.3620, 17.5695, -35.3975

Monochromacy



Original Color

213.7580, 20.3323, -34.8678

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.5730, 7.6055, -12.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7580, 20.3323, -34.8678 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(174, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 226, 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(174, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 226, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.7580, 20.3323, -34.8678 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(174, 226, 255) }
```


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

```
.border{ border-color:rgb(174, 226, 255) }
```

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

Here you see how a box with a 4 pixel rgb(174, 226, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.7580, 20.3323, -34.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 226, 255) }
```

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

```
.background{ background-color: rgb(174,  
226, 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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