

Converting Colors

YUV(208.8720, 20.7691,
-34.9677)

Have a look what the booklet for
YUV(208.8720, 20.7691, -34.9677)
contains.

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Color

**YUV(208.8720, 20.7691,
-34.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DDFB
RGB	169, 221, 251
RGB Percent	66%, 87%, 98%
CMY	0.3373, 0.1333, 0.0157
CMYK	0.33, 0.12, 0.00, 0.02
HSL	202°, 91%, 82%
HSV	202°, 33%, 98%
XYZ	59.6312, 67.1130, 101.0780
YIQ	208.8720, -40.6220, -1.6940

Conversions

Conversions Part 2

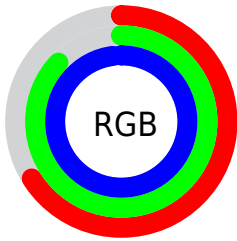
Format	Color
RYB	169, 201, 251
Decimal	11132411
CIELab	85.56, -9.73, -20.00
CIELCh	86, 22.237, 244.065
Yxy	67.1130, 0.2617, 0.2946
Android (android.graphics.Color)	4289322491 (0xFFA9DDFB)
YUV	208.8720, 20.7691, -34.9677
Hunter-Lab	81.9225, -13.4346, -15.8077

Details

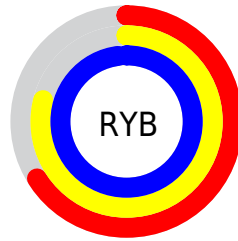
The YUV color $208.8720, 20.7691, -34.9677$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $211.1280, -20.7691, 34.9677$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $153.6440, 19.8955, -34.7678$ is the 20% darker color. If you saturate the color by 10%, you get $196.1140, 27.0588, -45.7040$, and if you desaturate by 10%, it is $221.6300, 14.4794, -24.2315$.

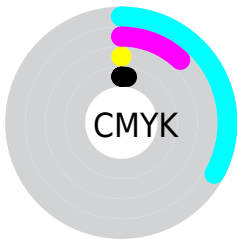
Distribution



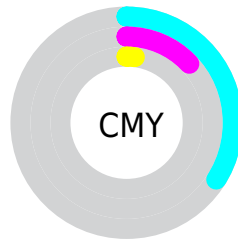
- Red (66%)
- Green (87%)
- Blue (98%)



- Red (66%)
- Yellow (79%)
- Blue (98%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.8720, 20.7691, -34.9677 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 208.8720, 20.7691, -34.9677 by changing the saturation by 10% instead.

■ 208.8720, 20.7691,
-34.9677

■ 208.8720, 20.7691,
-34.9677

255.0000, 0.0000,
0.0000

■ 180.7580, 20.3323,
-34.8678

■ 246.3290, 4.2748,
-17.8285

■ 153.6440, 19.8955,
-34.7678

■ 127.2310, 19.6061,
-35.2826

■ 100.9320, 19.7535,
-35.8974

■ 75.2090, 19.6170,
-38.7713

■ 49.1160, 20.6488,
-43.0747

■ 33.4660, 16.5323,

-29.3497

■ 19.2180, 12.7105,
-16.8542

■ 3.3230, 10.1938,
-2.9143

■ 208.8720, 20.7691,
-34.9677

■ 208.8720, 20.7691,
-34.9677

■ 196.1140, 27.0588,
-45.7040

■ 221.6300, 14.4794,
-24.2315

■ 183.3560, 33.3485,
-56.4402

■ 234.3880, 8.1897,
-13.4953

■ 170.0110, 39.9276,
-66.6616

■ 247.7330, 1.6106,
-3.2738

■ 157.2530, 46.2173,
-77.3979

■ 254.5440, -1.7472,
0.3999

■ 144.4950, 52.5070,
-88.1341

■ 131.4380, 58.9441,
-99.4851

■ 121.9470, 63.6231,
-106.9475

Harmonies

Analogous

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



206.0360, 15.2653, -43.0046



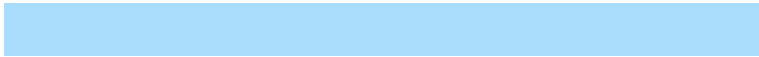
208.8720, 20.7691, -34.9677



213.2810, 20.5675, -16.9094

Triad

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



208.8720, 20.7691, -34.9677



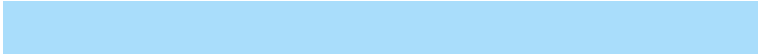
217.2260, -2.5764, 33.1278



210.5420, -15.5502, -5.7373

Complementary

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



208.8720, 20.7691, -34.9677



211.1280, -20.7691, 34.9677

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.



212.5120, -19.9724, 12.7060



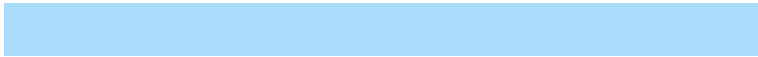
208.8720, 20.7691, -34.9677



216.0060, -12.3280, 34.1977

Square

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



208.8720, 20.7691, -34.9677



218.0920, 7.3496, 22.7213



214.6540, -18.5634, 27.4904



207.5380, -6.1812, -24.1508

Rectangle

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



208.8720, 20.7691, -34.9677



215.3860, 18.0507, -2.9695



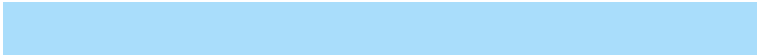
214.6540, -18.5634, 27.4904



211.3040, -17.8979, 0.6104

Sweetspot

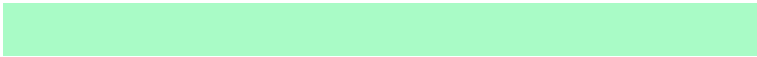
The Sweet Spot groups the original color and five complimentary colors.



208.8720, 20.7691, -34.9677



242.2420, 6.2897, -10.7362



220.4400, -11.0629, -45.1129



119.6940, 4.0949, -6.7476



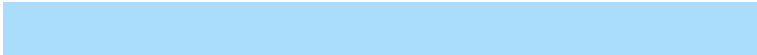
0.0000, 0.0000, 0.0000



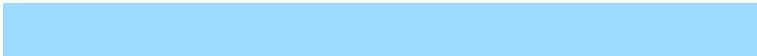
128.0000, 0.0000, 0.0000

Same Dimension

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



208.8720, 20.7691, -34.9677



204.2670, 25.0114, -42.3302



185.3920, 32.3447, -14.3758



118.1780, 3.3632, -5.4181



91.9860, 47.8279, -80.6717



29.8470, 15.3584, -26.1758

Inverse Universe

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



199.4460, 10.6261, 45.2129



192.7830, 12.9250, 54.5643



234.6080, -32.3447, 14.3758



116.7990, 1.5781, 7.1923



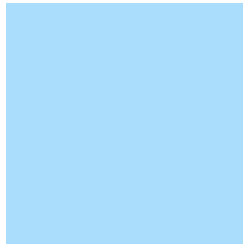
70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 208.8720, 20.7691, -34.9677 looks on a white background.

Color Contrast Check

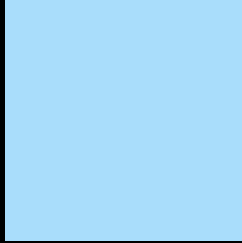
Large Text (above 18pt) WCAG AA × Fail

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 208.8720, 20.7691, -34.9677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

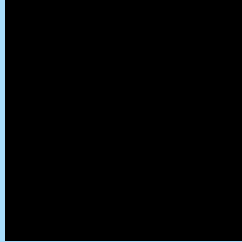
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.8720, 20.7691, -34.9677

Background



This preview shows how black text looks on a background with the YUV color 208.8720, 20.7691, -34.9677.



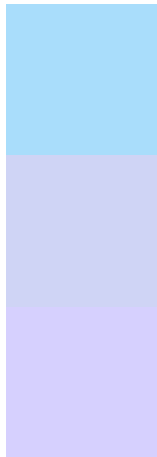
This preview shows how white text looks on a background with the YUV color 208.8720, 20.7691, -34.9677.

-34.9677.

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

208.8720, 20.7691, -34.9677

Protanopia

214.2670, 15.1514, -6.3732

Deuteranopia

215.0380, 19.2083, -0.9103



Tritanopia

208.3080, 16.1172, -36.2271

Trichromacy



Original Color

208.8720, 20.7691, -34.9677

Protanomaly

212.0700, 17.2205, -16.7244

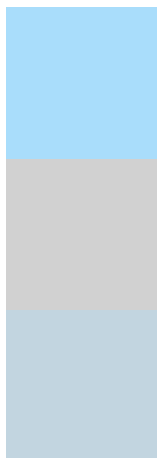
Deuteranomaly

213.0750, 19.6830, -13.2208

Tritanomaly

208.4760, 18.0063, -35.4975

Monochromacy



Original Color

208.8720, 20.7691, -34.9677

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.5730, 7.6055, -12.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.8720, 20.7691, -34.9677 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(169, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(169, 221, 251)  
}
```

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(169, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 221, 251) }
```

Border

The CSS property to change the border of an element to YUV 208.8720, 20.7691, -34.9677 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(169, 221, 251) }
```


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

```
.border{ border-color:rgb(169, 221, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(169, 221,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 208.8720, 20.7691, -34.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 221, 251) }
```

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

```
.background{ background-color: rgb(169,  
221, 251) }
```

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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