

Converting Colors

YUV(206.8920, 23.7172,
-47.2633)

Have a look what the booklet for
YUV(206.8920, 23.7172, -47.2633)
contains.

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Color

**YUV(206.8920, 23.7172,
-47.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	99E1FF
RGB	153, 225, 255
RGB Percent	60%, 88%, 100%
CMY	0.4000, 0.1176, 0.0000
CMYK	0.40, 0.12, 0.00, 0.00
HSL	198°, 100%, 80%
HSV	198°, 40%, 100%
XYZ	58.1121, 67.8427, 104.6399
YIQ	206.8920, -52.5420, -5.9340

Conversions

Conversions Part 2

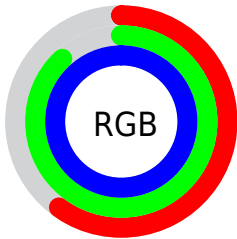
Format	Color
R _Y B	153, 195, 255
Decimal	10084863
CIE Lab	85.93, -14.97, -21.63
CIE LCh	86, 26.306, 235.309
Yxy	67.8427, 0.2520, 0.2942
Android (android.graphics.Color)	4288274943 (0xFF99E1FF)
YUV	206.8920, 23.7172, -47.2633
Hunter-Lab	82.3667, -18.2048, -17.6662

Details

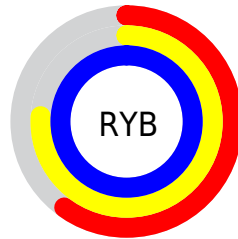
The YUV color **206.8920, 23.7172, -47.2633** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **201.1080, -23.7172, 47.2633**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **151.0660, 23.1385, -48.2929** is the 20% darker color. If you saturate the color by 10%, you get **195.3080, 29.4282, -59.0291**, and if you desaturate by 10%, it is **219.3620, 17.5695, -35.3975**.

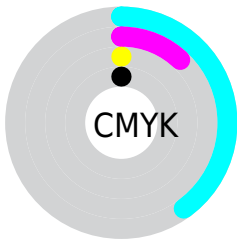
Distribution



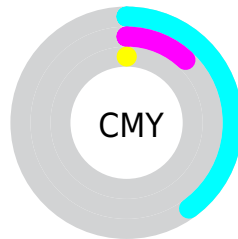
- Red (60%)
- Green (88%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8920, 23.7172, -47.2633 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 206.8920, 23.7172, -47.2633 by changing the saturation by 10% instead.

■ 206.8920, 23.7172,
-47.2633

■ 206.8920, 23.7172,
-47.2633

255.0000, 0.0000,
0.0000

■ 178.7780, 23.2804,
-47.1633

■ 241.8440, 6.4859,
-27.0502

■ 151.0660, 23.1385,
-48.2929

■ 250.5150, 2.2111,
-9.2217

■ 123.4680, 23.4333,
-49.5224

■ 96.1470, 23.5915,
-53.6259

■ 68.1570, 25.0656,
-59.7737

■ 51.2190, 21.0910,
-44.9191

■ 35.5690, 16.9745,

-31.1940

■ 21.3210, 13.1527,
-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 206.8920, 23.7172,
-47.2633

■ 206.8920, 23.7172,
-47.2633

■ 195.3080, 29.4282,
-59.0291

■ 219.3620, 17.5695,
-35.3975

■ 182.8380, 35.5759,
-70.8949

■ 230.9460, 11.8586,
-23.6316

■ 171.2540, 41.2868,
-82.6608

■ 243.4160, 5.7109,
-11.7658

■ 158.7840, 47.4345,
-94.5266

■ 255.0000, 0.0000,
0.0000

■ 146.9010, 53.2928,
-106.9072

■ 134.7300, 59.2931,
-118.1582

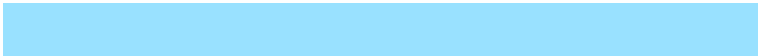
Harmonies

Analogous

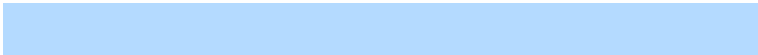
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.5680, 15.0030, -52.2411



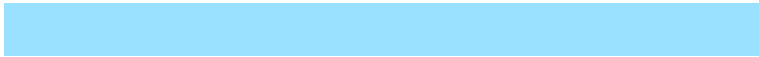
206.8920, 23.7172, -47.2633



210.8560, 21.7630, -27.0607

Triad

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



206.8920, 23.7172, -47.2633



216.9640, 1.4967, 33.3576



211.6090, -20.5132, -0.5341

Complementary

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



206.8920, 23.7172, -47.2633



201.1080, -23.7172, 47.2633

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.



214.2310, -23.7779, 19.9684



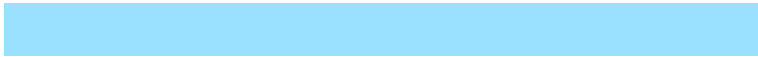
206.8920, 23.7172, -47.2633



214.7010, -9.7126, 35.3422

Square

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



206.8920, 23.7172, -47.2633



219.0470, 12.3018, 21.0068



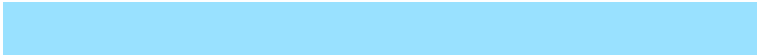
215.9430, -20.1849, 34.2530



208.5830, -11.1334, -22.4363

Rectangle

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



206.8920, 23.7172, -47.2633



214.7980, 19.8196, -10.3468



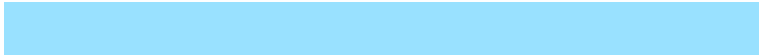
215.9430, -20.1849, 34.2530



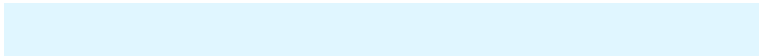
212.1970, -22.2821, 6.8432

Sweetspot

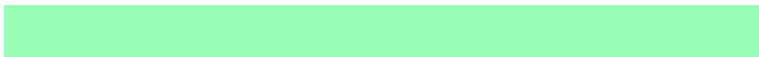
The Sweet Spot groups the original color and five complimentary colors.



206.8920, 23.7172, -47.2633



240.4480, 7.1741, -14.4249



216.1800, -16.8507, -55.4089



119.0960, 4.3897, -7.9772



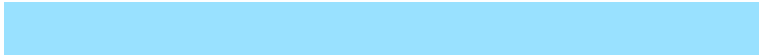
0.0000, 0.0000, 0.0000



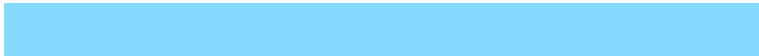
128.0000, 0.0000, 0.0000

Same Dimension

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



206.8920, 23.7172, -47.2633



197.3900, 28.4017, -56.4700



177.5420, 38.1868, -21.5233



121.7650, 3.0739, -5.9329



101.0190, 44.3606, -88.5937



33.7110, 14.9325, -29.5645

Inverse Universe

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



191.7060, 16.4139, 55.5088



179.2820, 19.5810, 66.4047



230.4580, -38.1868, 21.5233



119.9130, 2.0149, 7.0923



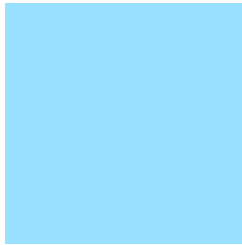
72.4990, 30.8130, 103.9254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 206.8920, 23.7172, -47.2633 looks on a white background.

Color Contrast Check

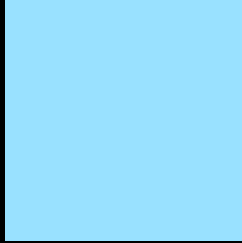
Large Text (above 18pt) WCAG AA × Fail

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 206.8920, 23.7172, -47.2633 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 206.8920, 23.7172, -47.2633

Background



This preview shows how black text looks on a background with the YUV color 206.8920, 23.7172, -47.2633.



This preview shows how white text looks on a background with the YUV color 206.8920, 23.7172, -47.2633.

-47.2633.

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

206.8920, 23.7172, -47.2633

Protanopia

214.7940, 15.8776, -5.9583

Deuteranopia

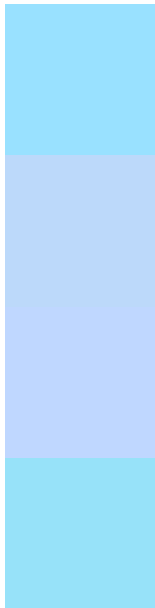
216.0270, 19.2137, -2.6547



Tritanopia

206.0290, 19.2127, -49.1374

Trichromacy



Original Color

206.8920, 23.7172, -47.2633

Protanomaly

212.0910, 18.6891, -21.1278

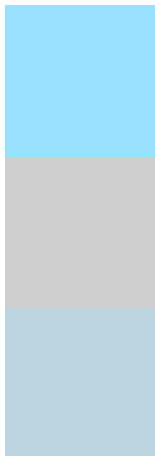
Deuteranomaly

212.3840, 21.0097, -18.7538

Tritanomaly

206.1970, 21.1019, -48.4078

Monochromacy



Original Color

206.8920, 23.7172, -47.2633

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.0670, 8.3480, -17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8920, 23.7172, -47.2633 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(153, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 225, 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(153, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 225, 255) }
```

Border

The CSS property to change the border of an element to YUV 206.8920, 23.7172, -47.2633 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(153, 225, 255) }
```


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

```
.border{ border-color:rgb(153, 225, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 225, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 206.8920, 23.7172, -47.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 225, 255) }
```

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

```
.background{ background-color: rgb(153,  
225, 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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