

Converting Colors

YUV(209.4290, 22.4665,
-66.1512)

Have a look what the booklet for
YUV(209.4290, 22.4665, -66.1512)
contains.

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Color

**YUV(209.4290, 22.4665,
-66.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	86EFFF
RGB	134, 239, 255
RGB Percent	53%, 94%, 100%
CMY	0.4745, 0.0627, 0.0000
CMYK	0.47, 0.06, 0.00, 0.00
HSL	188°, 100%, 76%
HSV	188°, 47%, 100%
XYZ	58.7480, 74.0213, 105.7989
YIQ	209.4290, -67.7160, -17.2840

Conversions

Conversions Part 2

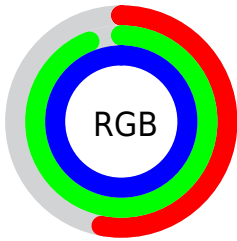
Format	Color
RYB	134, 190, 255
Decimal	8843263
CIELab	88.93, -26.38, -17.18
CIElCh	89, 31.480, 213.065
Yxy	74.0213, 0.2463, 0.3103
Android (android.graphics.Color)	4287033343 (0xFF86EFFF)
YUV	209.4290, 22.4665, -66.1512
Hunter-Lab	86.0357, -28.6766, -12.6846

Details

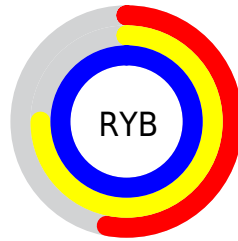
The YUV color **209.4290, 22.4665, -66.1512** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **179.5710, -22.4665, 66.1512**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **151.5210, 22.9141, -69.7399** is the 20% darker color. If you saturate the color by 10%, you get **200.1930, 27.0199, -79.9763**, and if you desaturate by 10%, it is **218.9640, 17.7657, -51.7114**.

Distribution



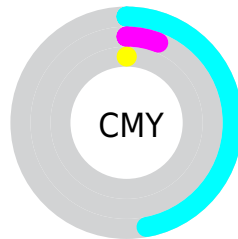
- Red (53%)
- Green (94%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4290, 22.4665, -66.1512 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 209.4290, 22.4665, -66.1512 by changing the saturation by 10% instead.

209.4290, 22.4665,
-66.1512

209.4290, 22.4665,
-66.1512

255.0000, 0.0000,
0.0000

180.7170, 22.3245,
-67.2808

236.4620, 9.1392,
-38.1162

151.5210, 22.9141,
-69.7399

245.4320, 4.7170,
-19.6729

121.2320, 24.5356,
-76.5025

254.7010, 0.1474,
-0.6148

92.1390, 25.5675,
-80.8059

74.6140, 21.8823,
-65.4365

57.6760, 17.9077,
-50.5819

40.8520, 14.3700,

-35.8272

■ 26.0170, 10.8376,
-22.8169

■ 3.7790, 11.9410,
-3.3142

■ 209.4290, 22.4665,
-66.1512

■ 209.4290, 22.4665,
-66.1512

■ 200.1930, 27.0199,
-79.9763

■ 218.9640, 17.7657,
-51.7114

■ 190.0710, 32.0100,
-93.9013

■ 228.7870, 12.9230,
-38.4012

■ 180.8350, 36.5633,
-107.7263

■ 238.3220, 8.2223,
-23.9614

■ 171.3000, 41.2641,
-122.1661

■ 247.5580, 3.6689,
-10.1364

■ 161.4770, 46.1068, 255.0000, 0.0000,
-135.4763 0.0000

■ 158.7970, 47.4281,
-139.2650

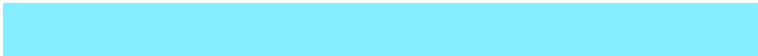
Harmonies

Analogous

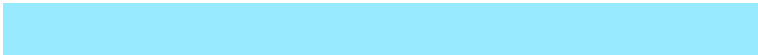
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.1840, 7.3043, -56.2894



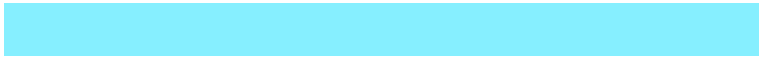
209.4290, 22.4665, -66.1512



211.8760, 21.2601, -52.5113

Triad

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



209.4290, 22.4665, -66.1512



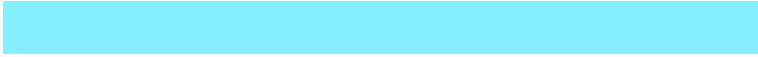
225.7810, 12.4330, 25.6251



221.2540, -28.7192, 18.1942

Complementary

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



209.4290, 22.4665, -66.1512



179.5710, -22.4665, 66.1512

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.



220.1830, -24.2472, 30.5345



209.4290, 22.4665, -66.1512



219.4260, 0.7760, 31.1984

Square

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



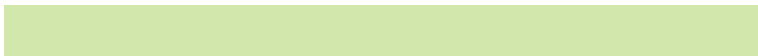
209.4290, 22.4665, -66.1512



224.6430, 14.9660, 6.4521



217.8810, -12.7593, 32.5534



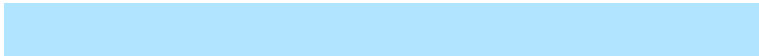
217.9950, -22.6755, -7.0116

Rectangle

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



209.4290, 22.4665, -66.1512



215.8290, 19.3113, -34.0530



217.8810, -12.7593, 32.5534



222.5970, -28.8883, 25.7864

Sweetspot

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



209.4290, 22.4665, -66.1512



241.3010, 6.7536, -19.5580



206.6230, -28.9011, -63.6904



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



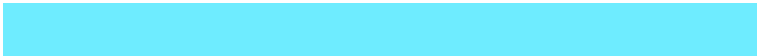
128.0000, 0.0000, 0.0000

Same Dimension

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



209.4290, 22.4665, -66.1512



200.4920, 26.8724, -79.3615



174.7960, 39.5406, -35.7781



122.9390, 2.4951, -6.9625



119.2160, 35.3895, -104.5524



39.5810, 12.0386, -34.7125

Inverse Universe

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



182.1490, 28.0275, 63.8903



167.7190, 33.6625, 76.5454



214.2040, -39.5406, 35.7781



120.1410, 2.8885, 6.8923



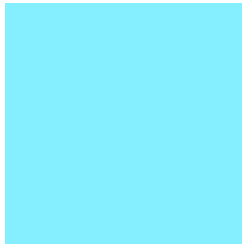
76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 209.4290, 22.4665, -66.1512 looks on a white background.

Color Contrast Check

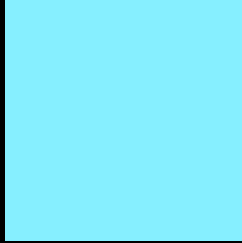
Large Text (above 18pt) WCAG AA × Fail

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 209.4290, 22.4665, -66.1512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

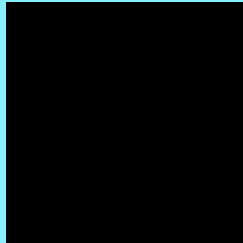
Any Text WCAG AA ✓ Pass

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 209.4290, 22.4665, -66.1512 Background



This preview shows how black text looks on a background with the YUV color 209.4290, 22.4665, -66.1512.



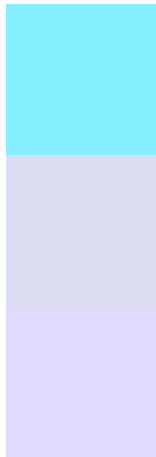
This preview shows how white text looks on a background with the YUV color 209.4290, 22.4665, -66.1512.

-66.1512.

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

209.4290, 22.4665, -66.1512

Protanopia

223.2090, 9.7570, -2.8143

Deuteranopia

224.3110, 15.1297, 0.6043



Tritanopia

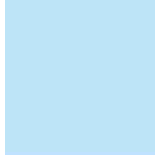
211.5440, 21.4238, -58.3591

Trichromacy



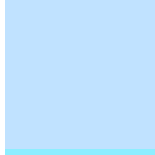
Original Color

209.4290, 22.4665, -66.1512



Protanomaly

218.5050, 14.0480, -25.8759



Deuteranomaly

219.1400, 17.6790, -23.8018



Tritanomaly

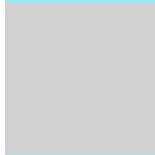
210.9350, 21.7240, -61.3330

Monochromacy



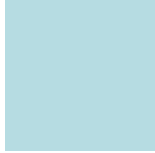
Original Color

209.4290, 22.4665, -66.1512



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.3220, 8.2223, -23.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4290, 22.4665, -66.1512 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(134, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 239, 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(134, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 239, 255) }
```

Border

The CSS property to change the border of an element to YUV 209.4290, 22.4665, -66.1512 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(134, 239, 255) }
```


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

```
.border{ border-color:rgb(134, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 209.4290, 22.4665, -66.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 239, 255) }
```

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

```
.background{ background-color: rgb(134,  
239, 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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