

Converting Colors

YUV(209.0470, 21.6688,
-90.3722)

Have a look what the booklet for
YUV(209.0470, 21.6688, -90.3722)
contains.

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Color

**YUV(209.0470, 21.6688,
-90.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFDFD
RGB	106, 253, 253
RGB Percent	42%, 99%, 99%
CMY	0.5843, 0.0078, 0.0078
CMYK	0.58, 0.00, 0.00, 0.01
HSL	180°, 97%, 70%
HSV	180°, 58%, 99%
XYZ	58.7988, 80.4066, 105.3495
YIQ	209.0470, -87.6120, -31.1640

Conversions

Conversions Part 2

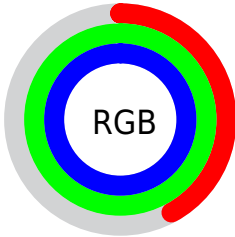
Format	Color
RYB	106, 180, 253
Decimal	7011837
CIELab	91.87, -38.91, -11.84
CIELCh	92, 40.668, 196.919
Yxy	80.4066, 0.2404, 0.3288
Android (android.graphics.Color)	4285201917 (0xFF6AFDFD)
YUV	209.0470, 21.6688, -90.3722
Hunter-Lab	89.6697, -39.8749, -6.8887

Details

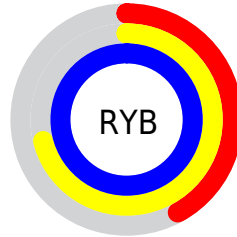
The YUV color **209.0470, 21.6688, -90.3722** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **149.9530, -21.6688, 90.3722**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **140.6850, 27.2703, -113.7337** is the 20% darker color. If you saturate the color by 10%, you get **201.5720, 25.3540, -105.7416**, and if you desaturate by 10%, it is **216.5220, 17.9837, -75.0028**.

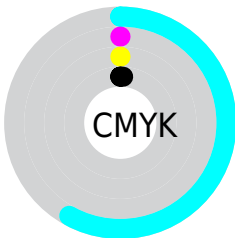
Distribution



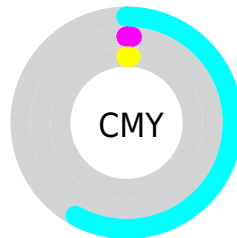
- Red (42%)
- Green (99%)
- Blue (99%)



- Red (42%)
- Yellow (71%)
- Blue (99%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (58%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.0470, 21.6688, -90.3722 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 209.0470, 21.6688, -90.3722 by changing the saturation by 10% instead.

209.0470, 21.6688,
-90.3722

209.0470, 21.6688,
-90.3722

255.0000, 0.0000,
0.0000

177.9540, 22.7007,
-94.6757

229.5850, 12.5296,
-52.2560

140.6850, 27.2703,
-113.7337

238.8540, 7.9600,
-33.1980

117.8820, 25.2012,
-103.3825

248.1230, 3.3904,
-14.1399

99.0690, 21.6580,
-86.8835

80.8430, 17.8254,
-70.8993

63.4320, 14.5770,
-55.6299

46.6080, 11.0393,

-40.8752

■ 30.5990, 8.0857,
-26.8353

■ 11.2960, 7.7421,
-9.9066

■ 209.0470, 21.6688,
-90.3722

■ 209.0470, 21.6688,
-90.3722

■ 201.5720, 25.3540,
-105.7416

■ 216.5220, 17.9837,
-75.0028

■ 193.7980, 29.1866,
-121.7258

■ 224.2960, 14.1511,
-59.0186

■ 186.3230, 32.8718,
-137.0953

■ 231.7710, 10.4659,
-43.6492

■ 178.8480, 36.5569,
-152.4647

■ 239.2460, 6.7807,
-28.2797

■ 177.3530, 37.2940,
-155.5386

■ 247.0200, 2.9481,
-12.2955

■ 253.5980, -0.2948,
1.2296

Harmonies

Analogous

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



215.5610, -1.2626, -61.8820



209.0470, 21.6688, -90.3722



206.6280, 23.8474, -89.1278

Triad

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



209.0470, 21.6688, -90.3722



230.9330, 11.8650, 21.1068



224.9300, -33.9825, 26.3714

Complementary

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



209.0470, 21.6688, -90.3722



149.9530, -21.6688, 90.3722

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.



220.1660, -21.7738, 30.5494



209.0470, 21.6688, -90.3722



224.4930, 12.5750, 26.7546

Square

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



209.0470, 21.6688, -90.3722



226.5930, 14.0047, -11.9211



219.4600, -4.1708, 31.1686



226.8800, -34.9438, 7.9982

Rectangle

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



209.0470, 21.6688, -90.3722



212.3640, 21.0195, -68.7252



219.4600, -4.1708, 31.1686



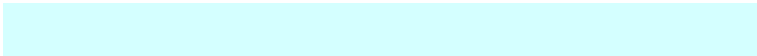
223.1520, -30.6409, 27.9307

Sweetspot

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



209.0470, 21.6688, -90.3722



242.1430, 6.3385, -26.4354



192.2890, -42.5405, -75.6755



120.2260, 3.8326, -15.9842



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.



209.0470, 21.6688, -90.3722



201.7780, 26.2384, -109.4303



166.1960, 42.7944, -52.7919



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

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



166.7110, 42.5405, 75.6755



150.5140, 51.5116, 91.6342



193.3910, -43.0838, 52.2771



120.3690, 3.7621, 6.6924



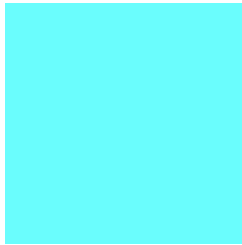
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 209.0470, 21.6688, -90.3722 looks on a white background.

Color Contrast Check

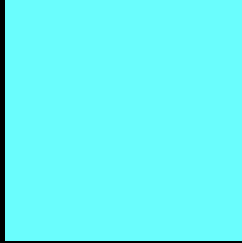
Large Text (above 18pt) WCAG AA × Fail

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 209.0470, 21.6688, -90.3722 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 209.0470, 21.6688, -90.3722

Background



This preview shows how black text looks on a background with the YUV color 209.0470, 21.6688, -90.3722.



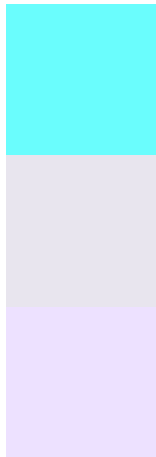
This preview shows how white text looks on a background with the YUV color 209.0470, 21.6688, -90.3722.

-90.3722.

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

209.0470, 21.6688, -90.3722

Protanopia

230.9230, 3.4890, 0.9445

Deuteranopia

232.0080, 11.3351, 4.3780



Tritanopia

222.8510, 15.8495, -43.7193

Trichromacy



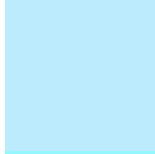
Original Color

209.0470, 21.6688, -90.3722



Protanomaly

223.0220, 9.8492, -32.4683



Deuteranomaly

223.4120, 15.0799, -30.1793



Tritanomaly

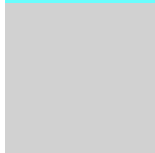
217.9090, 17.7929, -60.4332

Monochromacy



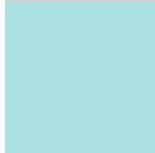
Original Color

209.0470, 21.6688, -90.3722



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1530, 7.8126, -32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.0470, 21.6688, -90.3722 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(106, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(106, 253, 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(106, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 253, 253) }
```

Border

The CSS property to change the border of an element to YUV 209.0470, 21.6688, -90.3722 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(106, 253, 253) }
```


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

```
.border{ border-color:rgb(106, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(106, 253,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 209.0470, 21.6688, -90.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 253, 253) }
```

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

```
.background{ background-color: rgb(106,  
253, 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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