

Converting Colors

YUV(208.4660, 22.9413,
-78.4617)

Have a look what the booklet for
YUV(208.4660, 22.9413, -78.4617)
contains.

YUV(208.4660, 22.9413, -78.4617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.4660, 22.9413,
-78.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	77F5FF
RGB	119, 245, 255
RGB Percent	47%, 96%, 100%
CMY	0.5333, 0.0392, 0.0000
CMYK	0.53, 0.04, 0.00, 0.00
HSL	184°, 100%, 73%
HSV	184°, 53%, 100%
XYZ	58.3102, 76.4468, 106.2902
YIQ	208.4660, -78.3060, -23.6020

Conversions

Conversions Part 2

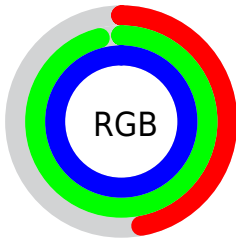
Format	Color
RYB	119, 184, 255
Decimal	7861759
CIELab	90.07, -32.33, -15.53
CIElCh	90, 35.865, 205.653
Yxy	76.4468, 0.2419, 0.3171
Android (android.graphics.Color)	4286051839 (0xFF77F5FF)
YUV	208.4660, 22.9413, -78.4617
Hunter-Lab	87.4338, -33.9665, -10.8730

Details

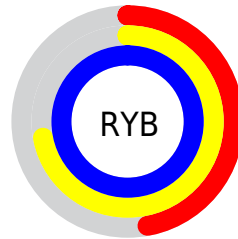
The YUV color **208.4660, 22.9413, -78.4617** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **165.5340, -22.9413, 78.4617**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **147.5790, 24.8576, -86.4538** is the 20% darker color. If you saturate the color by 10%, you get **199.8170, 27.2052, -92.8015**, and if you desaturate by 10%, it is **217.4140, 18.5299, -63.5071**.

Distribution



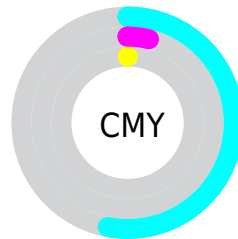
- Red (47%)
- Green (96%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.4660, 22.9413, -78.4617 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 208.4660, 22.9413, -78.4617 by changing the saturation by 10% instead.

208.4660, 22.9413,
-78.4617

208.4660, 22.9413,
-78.4617

255.0000, 0.0000,
0.0000

178.5690, 23.3835,
-80.3060

232.5750, 11.0555,
-46.1083

147.5790, 24.8576,
-86.4538

241.8440, 6.4859,
-27.0502

114.0010, 28.1005,
-99.9789

251.1130, 1.9163,
-7.9921

95.1880, 24.5573,
-83.4799

77.5490, 20.4353,
-68.0105

60.0240, 16.7502,
-52.6410

43.3140, 13.6492,

-37.9864

■ 28.3650, 9.6801,
-24.8761

■ 4.3660, 11.6516,
-3.8290

■ 208.4660, 22.9413,
-78.4617

■ 208.4660, 22.9413,
-78.4617

■ 199.8170, 27.2052,
-92.8015

■ 217.4140, 18.5299,
-63.5071

■ 190.8690, 31.6166,
-107.7561

■ 226.0630, 14.2659,
-49.1673

■ 181.9210, 36.0279,
-122.7107

■ 234.7120, 10.0020,
-34.8274

■ 173.8590, 40.0025,
-137.5653

■ 243.6600, 5.5906,
-19.8728

■ 167.6020, 43.0872,
-146.9870

■ 252.0210, 1.4686,
-4.4034

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.3530, 4.2630, -60.8226



208.4660, 22.9413, -78.4617



209.4180, 22.4719, -67.8956

Triad

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



208.4660, 22.9413, -78.4617



227.4110, 13.6014, 24.1956



225.1580, -33.1089, 26.1714

Complementary

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



208.4660, 22.9413, -78.4617



165.5340, -22.9413, 78.4617

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.



219.5960, -23.9578, 31.0493



208.4660, 22.9413, -78.4617



221.3810, 5.7282, 29.4839

Square

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



208.4660, 22.9413, -78.4617



225.4850, 14.5509, -0.4253



218.0920, -9.4124, 32.3683



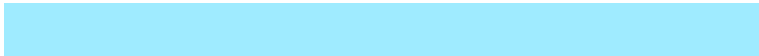
221.2470, -28.2228, -1.0936

Rectangle

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



208.4660, 22.9413, -78.4617



214.5560, 19.9389, -48.7226



218.0920, -9.4124, 32.3683



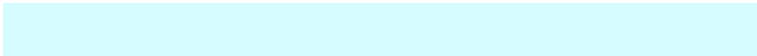
223.1520, -30.6409, 27.9307

Sweetspot

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



208.4660, 22.9413, -78.4617



240.9800, 6.9119, -23.6615



199.8580, -35.4260, -70.9125



119.3510, 4.2640, -14.3398



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.



208.4660, 22.9413, -78.4617



199.2190, 27.5000, -94.0311



169.1370, 42.3305, -43.9701



123.5260, 2.2057, -7.4773



125.6730, 32.2062, -110.2152



41.9290, 10.8810, -36.7717

Inverse Universe

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



174.0280, 34.9892, 71.0124



157.9510, 41.9292, 85.1120



204.8630, -42.3305, 43.9701



120.2550, 3.3253, 6.7924



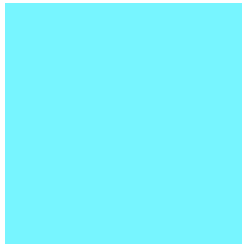
77.2870, 49.1585, 99.7263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 208.4660, 22.9413, -78.4617 looks on a white background.

Color Contrast Check

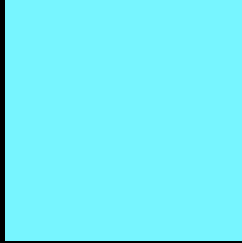
Large Text (above 18pt) WCAG AA × Fail

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 208.4660, 22.9413, -78.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

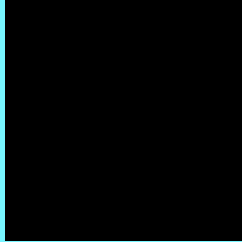
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.4660, 22.9413, -78.4617

Background



This preview shows how black text looks on a background with the YUV color 208.4660, 22.9413, -78.4617.



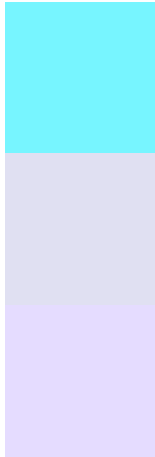
This preview shows how white text looks on a background with the YUV color 208.4660, 22.9413, -78.4617.

-78.4617.

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

208.4660, 22.9413, -78.4617

Protanopia

226.0520, 7.8624, -1.7996

Deuteranopia

226.6810, 13.9613, 2.0338



Tritanopia

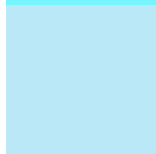
215.4090, 19.5184, -53.8557

Trichromacy



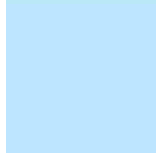
Original Color

208.4660, 22.9413, -78.4617



Protanomaly

219.9560, 13.3327, -29.7794



Deuteranomaly

220.0040, 17.2530, -27.1905



Tritanomaly

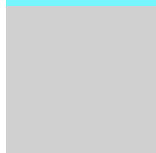
212.6960, 20.8559, -62.8774

Monochromacy



Original Color

208.4660, 22.9413, -78.4617



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.0010, 8.3805, -28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.4660, 22.9413, -78.4617 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(119, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 245, 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(119, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 245, 255) }
```

Border

The CSS property to change the border of an element to YUV 208.4660, 22.9413, -78.4617 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(119, 245, 255) }
```


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

```
.border{ border-color:rgb(119, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 208.4660, 22.9413, -78.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 245, 255) }
```

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

```
.background{ background-color: rgb(119,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor