

Converting Colors

YUV(200.8610, 23.7325,
-98.9791)

Have a look what the booklet for
YUV(200.8610, 23.7325, -98.9791)
contains.

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Color

**YUV(200.8610, 23.7325,
-98.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	58F9F9
RGB	88, 249, 249
RGB Percent	35%, 98%, 98%
CMY	0.6549, 0.0235, 0.0235
CMYK	0.65, 0.00, 0.00, 0.02
HSL	180°, 93%, 66%
HSV	180°, 65%, 98%
XYZ	54.9991, 76.6656, 101.5217
YIQ	200.8610, -95.9560, -34.1320

Conversions

Conversions Part 2

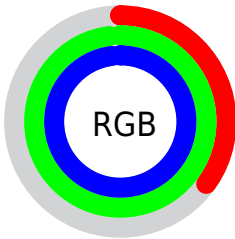
Format	Color
R _Y B	88, 169, 249
Decimal	5831161
CIE _{Lab}	90.17, -40.96, -12.34
CIE _{LCh}	90, 42.783, 196.764
Y _{xy}	76.6656, 0.2359, 0.3288
Android (android.graphics.Color)	4284021241 (0xFF58F9F9)
Y _{UV}	200.8610, 23.7325, -98.9791
Hunter-Lab	87.5589, -41.1055, -7.4536

Details

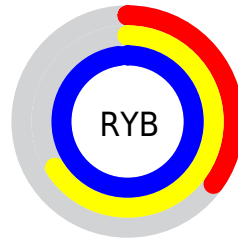
The YUV color **200.8610, 23.7325, -98.9791** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **136.1390, -23.7325, 98.9791**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3990, 14.5933, -60.8629**, and **134.7060, 28.7389, -118.1372** is the 20% darker color. If you saturate the color by 10%, you get **193.3860, 27.4177, -114.3485**, and if you desaturate by 10%, it is **208.3360, 20.0474, -83.6097**.

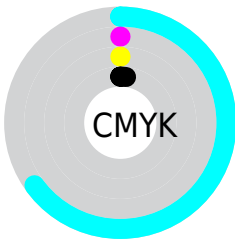
Distribution



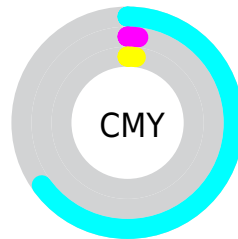
- Red (35%)
- Green (98%)
- Blue (98%)



- Red (35%)
- Yellow (66%)
- Blue (98%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (65%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8610, 23.7325, -98.9791 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 200.8610, 23.7325, -98.9791 by changing the saturation by 10% instead.

200.8610, 23.7325,
-98.9791

200.8610, 23.7325,
-98.9791

255.0000, 0.0000,
0.0000

167.3760, 25.9436,
-108.2008

225.3990, 14.5933,
-60.8629

134.7060, 28.7389,
-118.1372

234.6680, 10.0237,
-41.8048

115.1920, 25.0483,
-101.0234

244.2360, 5.3067,
-22.1320

96.8520, 20.7790,
-84.9392

253.5050, 0.7370,
-3.0739

78.1530, 17.6726,
-68.5402

60.6280, 13.9874,
-53.1708

43.9180, 10.8864,

-38.5161

■ 29.0830, 7.3541,
-25.5058

■ 3.9100, 9.9044,
-3.4291

■ 200.8610, 23.7325,
-98.9791

■ 200.8610, 23.7325,
-98.9791

■ 193.3860, 27.4177,
-114.3485

■ 208.3360, 20.0474,
-83.6097

■ 185.9110, 31.1029,
-129.7179

■ 215.8110, 16.3622,
-68.2402

■ 178.4360, 34.7881,
-145.0874

■ 223.2860, 12.6770,
-52.8708

■ 174.5490, 36.7043,
-153.0795

■ 230.7610, 8.9918,
-37.5014

■ 237.9370, 5.4541,
-22.7467

■ 245.4120, 1.7689,
-7.3773

■ 250.7940, -0.8844,
3.6887

Harmonies

Analogous

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



209.5390, -1.2517, -65.3707



200.8610, 23.7325, -98.9791



198.3000, 27.9531, -99.3641

Triad

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



200.8610, 23.7325, -98.9791



227.4110, 13.6014, 24.1956



220.9690, -36.4667, 29.8452

Complementary

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



200.8610, 23.7325, -98.9791



136.1390, -23.7325, 98.9791

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.



215.8460, -23.0951, 34.3381



200.8610, 23.7325, -98.9791



220.6290, 13.0009, 30.1434

Square

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



200.8610, 23.7325, -98.9791



221.5650, 16.4835, -13.6505



214.6670, -4.7658, 35.3720



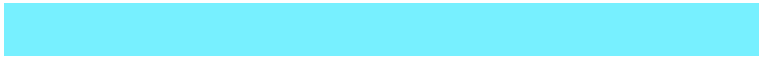
222.0110, -36.9804, 7.8834

Rectangle

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



200.8610, 23.7325, -98.9791



205.5310, 24.3882, -75.8877



214.6670, -4.7658, 35.3720



218.6040, -32.8358, 31.9193

Sweetspot

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



200.8610, 23.7325, -98.9791



240.6480, 7.0755, -29.5093



182.5070, -46.5920, -82.8826



119.0300, 4.4222, -18.4433



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.



200.8610, 23.7325, -98.9791



195.4990, 29.3340, -122.3406



153.9010, 46.8838, -57.7952



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Inverse Universe

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



154.4930, 46.5920, 82.8826



138.1870, 57.5888, 102.4450



183.6860, -47.1732, 57.2804



117.3690, 3.7621, 6.6924



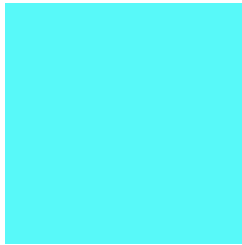
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 200.8610, 23.7325, -98.9791 looks on a white background.

Color Contrast Check

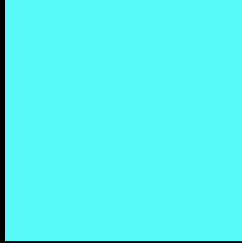
Large Text (above 18pt) WCAG AA × Fail

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 200.8610, 23.7325, -98.9791 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 200.8610, 23.7325, -98.9791 Background



This preview shows how black text looks on a background with the YUV color 200.8610, 23.7325, -98.9791.

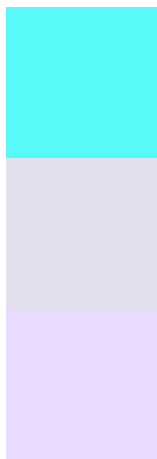


This preview shows how white text looks on a background with the YUV color 200.8610, 23.7325, -98.9791.

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

200.8610, 23.7325, -98.9791

Protanopia

225.7380, 4.0732, 0.2298

Deuteranopia

226.9910, 13.8084, 4.3929



Tritanopia

214.5010, 19.9660, -57.4444

Trichromacy



Original Color

200.8610, 23.7325, -98.9791



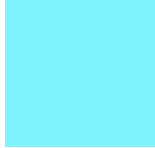
Protanomaly

216.6410, 11.0230, -35.6422



Deuteranomaly

217.6720, 17.4167, -33.0383



Tritanomaly

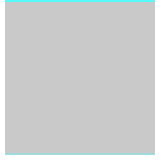
209.4560, 21.4672, -72.3139

Monochromacy



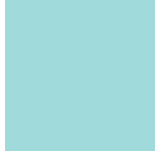
Original Color

200.8610, 23.7325, -98.9791



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.6580, 8.5496, -35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8610, 23.7325, -98.9791 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(88, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(88, 249, 249)  
}
```

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(88, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 249, 249) }
```

Border

The CSS property to change the border of an element to YUV 200.8610, 23.7325, -98.9791 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(88, 249, 249) }
```


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

```
.border{ border-color:rgb(88, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(88, 249,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 200.8610, 23.7325, -98.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 249, 249) }
```

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

```
.background{ background-color: rgb(88, 249,  
249) }
```

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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