

Converting Colors

YUV(201.6040, 10.0552,
-98.7537)

Have a look what the booklet for
YUV(201.6040, 10.0552, -98.7537)
contains.

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Color

**YUV(201.6040, 10.0552,
-98.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	59FFDE
RGB	89, 255, 222
RGB Percent	35%, 100%, 87%
CMY	0.6510, 0.0000, 0.1294
CMYK	0.65, 0.00, 0.13, 0.00
HSL	168°, 100%, 67%
HSV	168°, 65%, 100%
XYZ	53.0646, 78.9178, 81.5431
YIQ	201.6040, -88.3430, -45.4550

Conversions

Conversions Part 2

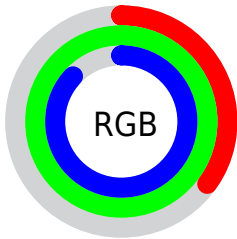
Format	Color
RYB	89, 181, 255
Decimal	5898206
CIELab	91.20, -50.35, 3.20
CIElCh	91, 50.447, 176.364
Yxy	78.9178, 0.2485, 0.3696
Android (android.graphics.Color)	4284088286 (0xFF59FFDE)
YUV	201.6040, 10.0552, -98.7537
Hunter-Lab	88.8357, -48.8382, 7.7621

Details

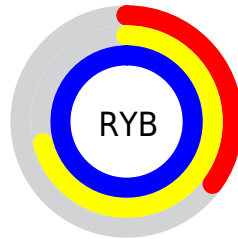
The YUV color **201.6040, 10.0552, -98.7537** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **142.3960, -10.0552, 98.7537**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3990, 14.5933, -60.8629**, and **134.6770, 15.9352, -118.1117** is the 20% darker color. If you saturate the color by 10%, you get **193.5590, 11.5564, -113.6232**, and if you desaturate by 10%, it is **209.9480, 8.4066, -83.2694**.

Distribution



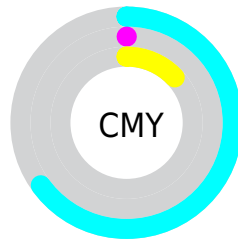
- Red (35%)
- Green (100%)
- Blue (87%)



- Red (35%)
- Yellow (71%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6040, 10.0552, -98.7537 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 201.6040, 10.0552, -98.7537 by changing the saturation by 10% instead.

201.6040, 10.0552,
-98.7537

201.6040, 10.0552,
-98.7537

255.0000, 0.0000,
0.0000

168.8310, 12.4083,
-106.8458

225.3990, 14.5933,
-60.8629

134.6770, 15.9352,
-118.1117

234.6680, 10.0237,
-41.8048

115.2770, 12.6814,
-101.0979

243.9370, 5.4541,
-22.7467

96.4640, 9.1382,
-84.5989

253.2060, 0.8844,
-3.6887

78.4660, 6.1793,
-68.8147

60.4680, 3.2203,
-53.0304

43.2850, 0.8455,

-37.9609

■ 27.9770, -1.9607,
-24.5358

■ 4.6960, -2.3151,
-4.1184

■ 201.6040, 10.0552,
-98.7537

■ 201.6040, 10.0552,
-98.7537

■ 193.5590, 11.5564,
-113.6232

■ 209.9480, 8.4066,
-83.2694

■ 185.2150, 13.2050,
-129.1076

■ 217.9930, 6.9055,
-68.3999

■ 177.1700, 14.7062,
-143.9771

■ 226.3370, 5.2569,
-52.9155

■ 172.9410, 15.3121,
-151.6693

■ 234.3820, 3.7557,
-38.0460

■ 242.7260, 2.1071,
-22.5617

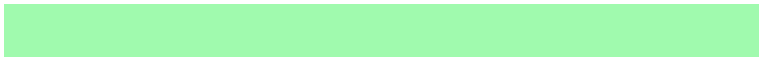
■ 250.7710, 0.6059,
-7.6922

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.



214.4260, -19.9300, -47.7316



201.6040, 10.0552, -98.7537



178.7550, 37.5888, -156.7681

Triad

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



201.6040, 10.0552, -98.7537



225.1970, 14.6929, 0.7042



215.5550, -31.8256, 34.5933

Complementary

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



201.6040, 10.0552, -98.7537



142.3960, -10.0552, 98.7537

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.



212.2560, -11.4652, 37.4865



201.6040, 10.0552, -98.7537



223.8890, 15.3377, 27.2843

Square

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



201.6040, 10.0552, -98.7537



210.9570, 21.7132, -57.8443



216.0810, 10.8061, 34.1320



223.3680, -45.0444, 27.7413

Rectangle

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



201.6040, 10.0552, -98.7537



176.4070, 38.7463, -154.7089



216.0810, 10.8061, 34.1320



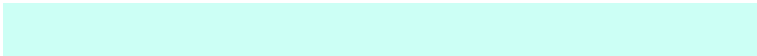
213.8740, -25.5739, 36.0675

Sweetspot

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



201.6040, 10.0552, -98.7537



238.6110, 3.1498, -30.3538



196.3090, -52.9033, -65.1690



117.9330, 1.5120, -18.3582



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.



201.6040, 10.0552, -98.7537



190.9390, 11.8621, -118.3415



176.0160, 38.9391, -76.3130



123.7710, 0.6059, -7.6922



129.5590, 11.5564, -113.6232



43.3820, 3.7557, -38.0460

Inverse Universe

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



142.3960, -10.0552, 98.7537



120.0610, -11.8621, 118.3415



167.9840, -38.9391, 76.3130



119.1150, -1.0427, 7.7921



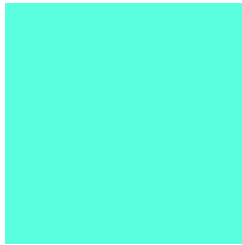
61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 201.6040, 10.0552, -98.7537 looks on a white background.

Color Contrast Check

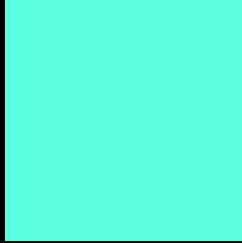
Large Text (above 18pt) WCAG AA × Fail

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 201.6040, 10.0552, -98.7537 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 201.6040, 10.0552, -98.7537

Background



This preview shows how black text looks on a background with the YUV color 201.6040, 10.0552, -98.7537.



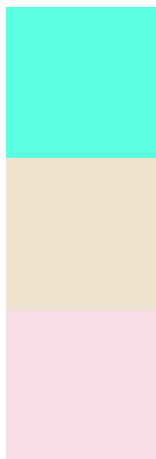
This preview shows how white text looks on a background with the YUV color 201.6040, 10.0552, -98.7537.

-98.7537.

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

201.6040, 10.0552, -98.7537

Protanopia

227.7100, -10.2100, 8.1473

Deuteranopia

230.2840, -0.6330, 16.4139



Tritanopia

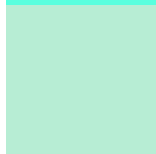
219.5730, 17.4655, -48.7375

Trichromacy



Original Color

201.6040, 10.0552, -98.7537



Protanomaly

218.0040, -2.9600, -30.6985



Deuteranomaly

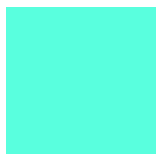
219.6440, 3.1335, -25.1208



Tritanomaly

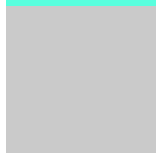
213.0670, 14.7570, -66.7108

Monochromacy



Original Color

201.6040, 10.0552, -98.7537



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.6920, 3.6028, -35.6869

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6040, 10.0552, -98.7537 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(89, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(89, 255, 222)  
}
```

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(89, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 255, 222) }
```

Border

The CSS property to change the border of an element to YUV 201.6040, 10.0552, -98.7537 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(89, 255, 222) }
```


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

```
.border{ border-color:rgb(89, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(89, 255,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 201.6040, 10.0552, -98.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 255, 222) }
```

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

```
.background{ background-color: rgb(89, 255,  
222) }
```

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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