

Converting Colors

YUV(203.5810, -98.8864,
-16.2955)

Have a look what the booklet for
YUV(203.5810, -98.8864, -16.2955)
contains.

YUV(203.5810, -98.8864, -16.2955)	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(203.5810, -98.8864,
-16.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FC03
RGB	185, 252, 3
RGB Percent	73%, 99%, 1%
CMY	0.2745, 0.0118, 0.9882
CMYK	0.27, 0.00, 0.99, 0.01
HSL	76°, 98%, 50%
HSV	76°, 99%, 99%
XYZ	54.8344, 79.9417, 12.6264
YIQ	203.5810, 39.9970, -91.6430

Conversions

Conversions Part 2

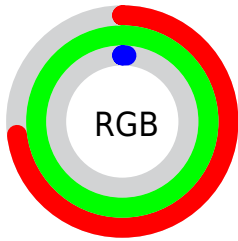
Format	Color
R_YB	3, 252, 70
Decimal	12188675
CIE Lab	91.66, -47.81, 88.09
CIE LCh	92, 100.226, 118.490
Yxy	79.9417, 0.3720, 0.5423
Android (android.graphics.Color)	4290378755 (0xFFB9FC03)
YUV	203.5810, -98.8864, -16.2955
Hunter-Lab	89.4101, -46.9952, 54.2142

Details

The YUV color **203.5810, -98.8864, -16.2955** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **51.4190, 98.8864, 16.2955**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9550, -68.9978, 10.5635**, and **151.8400, -74.8571, -23.5387** is the 20% darker color. If you saturate the color by 10%, you get **202.9400, -100.0494, -16.6104**, and if you desaturate by 10%, it is **208.5240, -88.9983, -14.4915**.

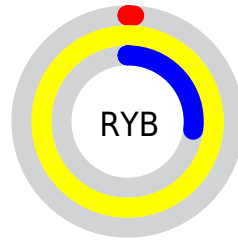
Distribution



Red (73%)

Green (99%)

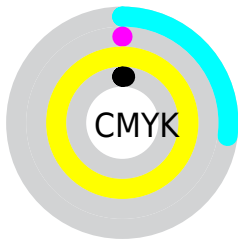
Blue (1%)



Red (1%)

Yellow (99%)

Blue (27%)

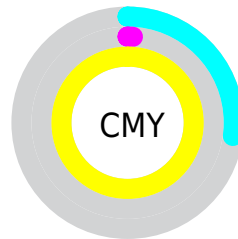


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (27%)

Magenta (1%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5810, -98.8864, -16.2955 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 203.5810, -98.8864, -16.2955 by changing the saturation by 10% instead.

■ 203.5810,
-98.8864, -16.2955

■ 203.5810,
-98.8864, -16.2955

■ 255.0000, 0.0000,
0.0000

■ 177.2460,
-87.3823, -19.5097

■ 233.9550,
-68.9978, 10.5635

■ 151.8400,
-74.8571, -23.5387

■ 240.1800,
-56.7837, 12.9971

■ 127.0210,
-62.6214, -28.0824

■ 243.6000,
-43.6798, 9.9978

■ 101.9030,
-50.2382, -33.2409

■ 247.0200,
-30.5759, 6.9985

■ 75.2790, -37.1125,
-43.2177

■ 250.4400,
-17.4719, 3.9991

■ 52.8300, -26.0452,
-46.3319

■ 253.9740, -3.9312,

■ 38.1550, -18.8104,

0.8998

-33.4619

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 203.5810,
-98.8864, -16.2955

■ 203.5810,
-98.8864, -16.2955

■ 202.9400,
-100.0494, -16.6104

■ 208.5240,
-88.9983, -14.4915

■ 213.4670,
-79.1102, -12.6876

■ 218.2250,
-68.6379, -11.5983

■ 223.1680,
-58.7498, -9.7943

■ 228.1110,
-48.8617, -7.9903

■ 233.0540,
-38.9736, -6.1864

■ 237.6980,
-28.9381, -4.9971

■ 242.7550,
-18.6132, -3.2931

■ 247.6980, -8.7251,
-1.4891

Harmonies

Analogous

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



208.3200, -102.7018, 40.9384



203.5810, -98.8864, -16.2955



163.8210, -19.6318, -143.6710

Triad

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



203.5810, -98.8864, -16.2955



178.7550, 37.5888, -156.7681



178.1540, 30.4901, 67.3939

Complementary

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



203.5810, -98.8864, -16.2955



51.4190, 98.8864, 16.2955

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.



199.2350, 27.4921, 48.9059



203.5810, -98.8864, -16.2955



172.2980, 40.7721, -151.1053

Square

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



203.5810, -98.8864, -16.2955



178.7550, 37.5888, -156.7681



215.7500, 19.3502, 0.2193



176.7160, -15.6360, 68.6551

Rectangle

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



203.5810, -98.8864, -16.2955



171.2310, 8.7601, -150.1696



215.7500, 19.3502, 0.2193



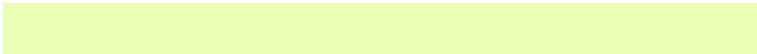
183.9730, 35.0163, 62.2907

Sweetspot

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



203.5810, -98.8864, -16.2955



240.0570, -30.1011, -5.3120



116.1930, -55.8041, 119.1027



118.8690, -18.1764, -3.3931



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.



203.5810, -98.8864, -16.2955



205.2990, -101.2124, -16.9252



166.5050, -80.6080, -92.5279



122.6210, -5.2362, -0.5446



152.2050, -75.0371, -12.4578



49.2620, -24.2862, -3.7378

Inverse Universe

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



51.4190, 98.8864, 16.2955



49.7010, 101.2124, 16.9252



88.4950, 80.6080, 92.5279



114.6780, 5.0887, 1.1594



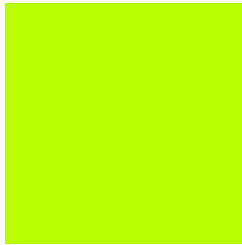
36.7950, 75.0371, 12.4578



11.7380, 24.2862, 3.7378

Previews

White Background



This preview shows how the YUV color 203.5810, -98.8864, -16.2955 looks on a white background.

Color Contrast Check

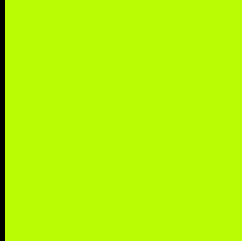
Large Text (above 18pt) WCAG AA × Fail

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 203.5810, -98.8864, -16.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

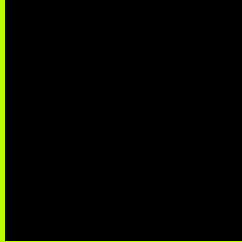
Any Text WCAG AA ✓ Pass

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 203.5810, -98.8864, -16.2955 Background



This preview shows how black text looks on a background with the YUV color 203.5810, -98.8864, -16.2955.



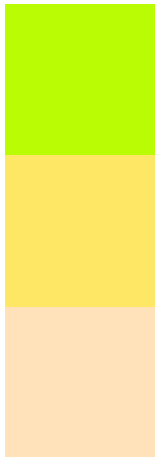
This preview shows how white text looks on a background with the YUV color 203.5810, -98.8864, -16.2955.

-16.2955.

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

203.5810, -98.8864, -16.2955

Protanopia

223.4700, -59.8847, 27.6518

Deuteranopia

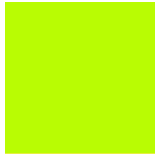
230.1110, -21.7467, 21.8277



Tritanopia

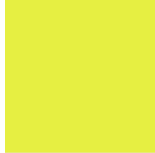
228.3920, 12.1317, -17.8838

Trichromacy



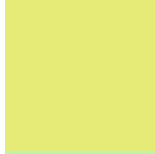
Original Color

203.5810, -98.8864, -16.2955



Protanomaly

216.5870, -74.2394, 11.7632



Deuteranomaly

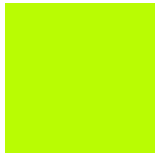
220.2810, -49.9315, 8.5236



Tritanomaly

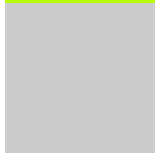
219.7350, -28.4634, -17.3076

Monochromacy



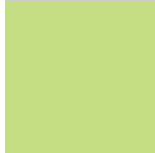
Original Color

203.5810, -98.8864, -16.2955



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.5640, -35.7741, -5.7566

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5810, -98.8864, -16.2955 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(185, 252, 3)` looks like.

```
.text, #text, p{  
    color:rgb(185, 252, 3)  
}
```

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(185, 252, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 252, 3) }
```

Border

The CSS property to change the border of an element to YUV 203.5810, -98.8864, -16.2955 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(185, 252, 3) }
```


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

```
.border{ border-color:rgb(185, 252, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 252, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 252, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 252, 3);  
box-shadow:4px 4px 4px 4px rgb(185, 252,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 203.5810, -98.8864, -16.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 252, 3) }
```

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

```
.background{ background-color: rgb(185,  
252, 3) }
```

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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