

Converting Colors

YUV(196.9540, 9.8827, 3.5483)

Have a look what the booklet for
YUV(196.9540, 9.8827, 3.5483)
contains.

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Color

**YUV(196.9540, 9.8827,
3.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BFD9
RGB	201, 191, 217
RGB Percent	79%, 75%, 85%
CMY	0.2118, 0.2510, 0.1490
CMYK	0.07, 0.12, 0.00, 0.15
HSL	263°, 25%, 80%
HSV	263°, 12%, 85%
XYZ	55.2426, 54.6889, 73.2900
YIQ	196.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

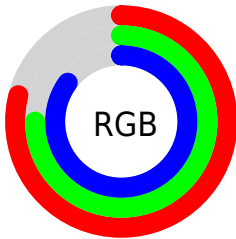
Format	Color
R _Y B	201, 191, 217
Decimal	13221849
CIE Lab	78.86, 8.38, -11.72
CIE LCh	79, 14.410, 305.565
Yxy	54.6889, 0.3015, 0.2985
Android (android.graphics.Color)	4291411929 (0xFFC9BFD9)
YUV	196.9540, 9.8827, 3.5483
Hunter-Lab	73.9519, 3.9248, -6.9930

Details

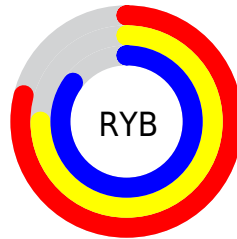
The YUV color **196.9540, 9.8827, 3.5483** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **211.0460, -9.8827, -3.5483**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.3151, 4.1184**, and **143.4270, 9.1565, 3.1335** is the 20% darker color. If you saturate the color by 10%, you get **180.1530, 18.1656, 6.8818**, and if you desaturate by 10%, it is **213.7550, 1.5998, 0.2149**.

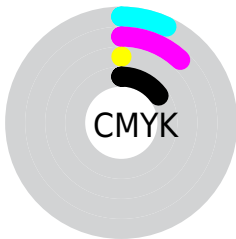
Distribution



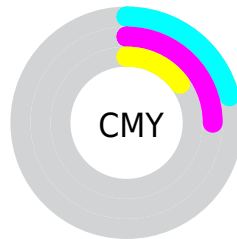
- Red (79%)
- Green (75%)
- Blue (85%)



- Red (79%)
- Yellow (75%)
- Blue (85%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9540, 9.8827, 3.5483 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 196.9540, 9.8827, 3.5483 by changing the saturation by 10% instead.

■ 196.9540, 9.8827,
3.5483

■ 196.9540, 9.8827,
3.5483

255.0000, 0.0000,
0.0000

■ 169.8400, 9.4459,
3.6483

■ 250.3040, 2.3151,
4.1184

■ 143.4270, 9.1565,
3.1335

■ 117.4270, 9.1565,
3.1335

■ 93.0140, 8.8671,
2.6187

■ 68.9000, 8.4303,
2.7187

■ 46.7860, 7.9935,
2.8187

■ 25.9600, 7.4147,

1.7891

■ 2.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 196.9540, 9.8827,
3.5483

■ 196.9540, 9.8827,
3.5483

■ 180.1530, 18.1656,
6.8818

■ 213.7550, 1.5998,
0.2149

■ 163.6400, 26.3065,
9.0857

■ 230.2680, -6.5411,
-1.9890

■ 146.8390, 34.5894,
12.4192

■ 246.4820,
-14.5346, -4.8077

■ 130.0380, 42.8723,
15.7527

■ 250.3690,
-16.4509, 3.1844

■ 112.9380, 51.3026,
18.4714

■ 250.6680,
-16.5983, 3.7992

■ 96.7240, 59.2961,
21.2901

■ 79.9230, 67.5790,
24.6235

■ 62.8230, 76.0093,
27.3422

■ 49.5550, 82.5504,
29.3313

Harmonies

Analogous

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



194.7890, 13.4150, -9.4620



196.9540, 9.8827, 3.5483



197.6520, 4.6086, 15.2142

Triad

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



196.9540, 9.8827, 3.5483



196.1950, -12.4211, 17.3690



190.3560, 3.2755, -23.9912

Complementary

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



196.9540, 9.8827, 3.5483



211.0460, -9.8827, -3.5483

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.



191.5760, -3.7350, -15.4142



196.9540, 9.8827, 3.5483



194.7270, -12.6834, 8.1324

Square

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



196.9540, 9.8827, 3.5483



196.9660, -8.3642, 22.8318



192.7470, -9.7353, -4.1631



190.6530, 9.5381, -26.0057

Rectangle

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



196.9540, 9.8827, 3.5483



197.8330, 0.0823, 20.3175



192.7470, -9.7353, -4.1631



190.7970, 1.0861, -21.7470

Sweetspot

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



196.9540, 9.8827, 3.5483



247.3360, 3.7784, 1.4593



203.3560, 6.7265, -10.8362



122.6950, 2.6154, 1.1445



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.



196.9540, 9.8827, 3.5483



227.2900, 13.6610, 5.0077



200.8410, 7.9664, 11.5404



101.4500, 4.2151, 1.3593



39.7550, 65.6898, 23.8939



10.6260, 17.4394, 6.4670

Inverse Universe

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



200.5980, 3.1562, 14.3846



232.2720, 4.3029, 19.9325



207.1590, -7.9664, -11.5404



102.9730, 0.9993, 6.1627



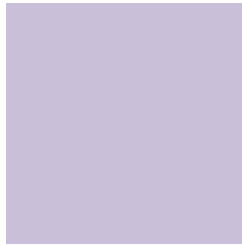
63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 196.9540, 9.8827, 3.5483 looks on a white background.

Color Contrast Check

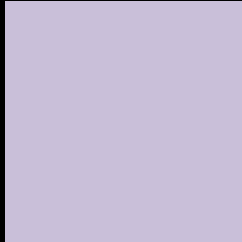
Large Text (above 18pt) WCAG AA × Fail

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 196.9540, 9.8827, 3.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

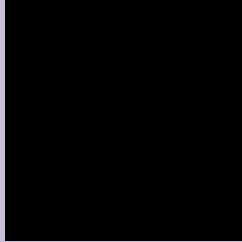
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.9540, 9.8827, 3.5483

Background



This preview shows how black text looks on a background with the YUV color 196.9540, 9.8827, 3.5483.



This preview shows how white text looks on a background with the YUV color 196.9540, 9.8827,

3.5483.

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

196.9540, 9.8827, 3.5483

Protanopia

196.2520, 11.2148, -3.7290

Deuteranopia

197.2640, 9.7298, 5.9075



Tritanopia

196.8030, 5.5201, 2.8038

Trichromacy



Original Color

196.9540, 9.8827, 3.5483

Protanomaly

196.4480, 10.6251, -1.2699

Deuteranomaly

196.9650, 9.8773, 5.2927

Tritanomaly

196.5580, 7.1199, 3.0186

Monochromacy



Original Color

196.9540, 9.8827, 3.5483

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9540, 9.8827, 3.5483 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(201, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 217)  
}
```

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(201, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 217) }
```

Border

The CSS property to change the border of an element to YUV 196.9540, 9.8827, 3.5483 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(201, 191, 217) }
```


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

```
.border{ border-color:rgb(201, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 191, 217); box-shadow:4px 4px 4px 4px rgb(201, 191, 217) }
```

Background

The CSS property to change the background color of an element to YUV 196.9540, 9.8827, 3.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 217) }
```

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

```
.background{ background-color: rgb(201,  
191, 217) }
```

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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