

Converting Colors

YUV(196.5800, 23.8711,
-3.1397)

Have a look what the booklet for
YUV(196.5800, 23.8711, -3.1397)
contains.

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Color

**YUV(196.5800, 23.8711,
-3.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BDF5
RGB	193, 189, 245
RGB Percent	76%, 74%, 96%
CMY	0.2431, 0.2588, 0.0392
CMYK	0.21, 0.23, 0.00, 0.04
HSL	244°, 74%, 85%
HSV	244°, 23%, 96%
XYZ	56.6713, 54.3252, 93.8851
YIQ	196.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

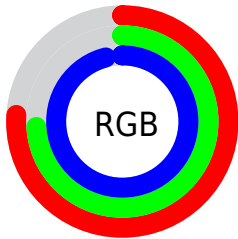
Format	Color
R _{YB}	193, 189, 245
Decimal	12697077
CIE _{Lab}	78.65, 12.86, -27.17
CIE _{LCh}	79, 30.057, 295.324
Yxy	54.3252, 0.2766, 0.2652
Android (android.graphics.Color)	4290887157 (0xFFC1BDF5)
YUV	196.5800, 23.8711, -3.1397
Hunter-Lab	73.7056, 8.2615, -23.9287

Details

The YUV color $196.5800, 23.8711, -3.1397$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.4200, -23.8711, 3.1397$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.6350, 3.6309, 2.0741$, and $142.9390, 22.7081, -3.4545$ is the 20% darker color. If you saturate the color by 10%, you get $175.0280, 34.4962, -4.4096$, and if you desaturate by 10%, it is $218.1320, 13.2459, -1.8698$.

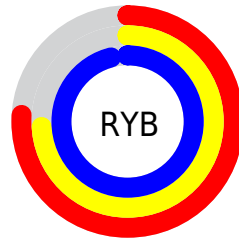
Distribution



Red (76%)

Green (74%)

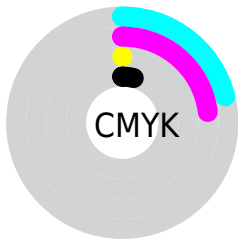
Blue (96%)



Red (76%)

Yellow (74%)

Blue (96%)

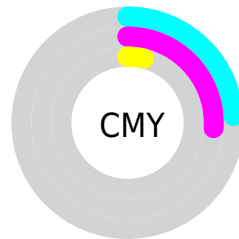


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5800, 23.8711, -3.1397 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 196.5800, 23.8711, -3.1397 by changing the saturation by 10% instead.

■ 196.5800, 23.8711,
-3.1397

■ 196.5800, 23.8711,
-3.1397

255.0000, 0.0000,
0.0000

■ 169.0530, 23.1449,
-3.5545

■ 247.6350, 3.6309,
2.0741

■ 142.9390, 22.7081,
-3.4545

■ 116.4120, 21.9819,
-3.8693

■ 91.8850, 21.2557,
-4.2841

■ 68.0590, 20.6769,
-5.3137

■ 45.1190, 19.6613,
-6.2434

■ 23.1680, 18.6512,

-8.9173

■ 4.5600, 17.4719,
-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 196.5800, 23.8711,
-3.1397

■ 196.5800, 23.8711,
-3.1397

■ 175.0280, 34.4962,
-4.4096

■ 218.1320, 13.2459,
-1.8698

■ 154.0630, 44.8319,
-6.1943

■ 239.0970, 2.9102,
-0.0851

■ 133.3970, 55.0203,
-7.3642

■ 253.8600, -4.3680,
0.9998

■ 111.8450, 65.6454,
-8.6341

■ 90.2930, 76.2706,
-9.9040

■ 69.3280, 86.6063,
-11.6887

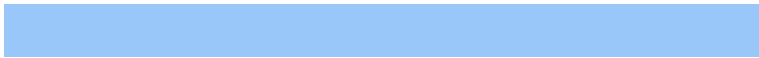
■ 48.0750, 97.0840,
-12.3438

■ 33.0130, 104.5096,
-14.0434

Harmonies

Analogous

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



191.0600, 29.0574, -33.3786



196.5800, 23.8711, -3.1397



199.1120, 13.7488, 23.5808

Triad

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



196.5800, 23.8711, -3.1397



195.9930, -22.6745, 39.4711



183.0880, 2.9146, -48.3122

Complementary

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



196.5800, 23.8711, -3.1397



237.4200, -23.8711, 3.1397

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.



187.2190, -12.4330, -25.6251



196.5800, 23.8711, -3.1397



193.4440, -26.8409, 22.4126

Square

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



196.5800, 23.8711, -3.1397



197.3820, -12.5133, 47.0230



190.6260, -22.9866, -0.5490



181.0120, 18.2351, -62.2775

Rectangle

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



196.5800, 23.8711, -3.1397



199.6100, 5.1223, 37.1760



190.6260, -22.9866, -0.5490



184.1660, -2.0538, -41.3646

Sweetspot

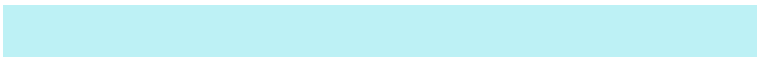
The Sweet Spot groups the original color and five complimentary colors.



196.5800, 23.8711, -3.1397



239.3510, 7.7150, -1.1848



225.9080, 9.4124, -32.3683



118.5530, 4.6574, -0.4850



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.



196.5800, 23.8711, -3.1397



195.3610, 29.4020, -3.8246



204.9520, 19.7437, 14.0741



111.6670, 5.0942, -0.5850



25.0910, 79.3281, -10.6038



7.9220, 25.1815, -3.4396

Inverse Universe

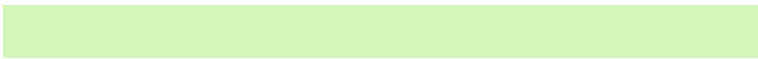
The Inverse Universe completely reimagines the original color for something new.



211.6720, 14.4587, 29.2287



213.9270, 17.7840, 36.0210



229.0480, -19.7437, -14.0741



114.9560, 3.4727, 6.1776



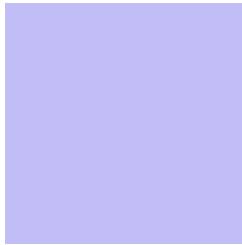
75.3360, 48.1484, 97.0523



23.7970, 14.8901, 30.8730

Previews

White Background



This preview shows how the YUV color 196.5800, 23.8711, -3.1397 looks on a white background.

Color Contrast Check

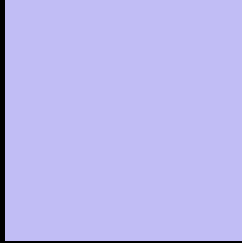
Large Text (above 18pt) WCAG AA × Fail

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 196.5800, 23.8711, -3.1397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

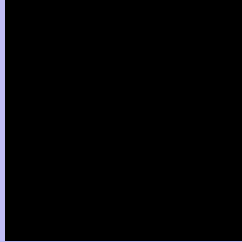
Any Text WCAG AA ✓ Pass

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 196.5800, 23.8711, -3.1397 Background



This preview shows how black text looks on a background with the YUV color 196.5800, 23.8711, -3.1397.



This preview shows how white text looks on a background with the YUV color 196.5800, 23.8711, -3.1397.

-3.1397.

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

196.5800, 23.8711, -3.1397

Protanopia

194.9810, 25.6454, -12.2613

Deuteranopia

196.2590, 24.0293, -7.2431



Tritanopia

194.4320, 8.1680, -6.5179

Trichromacy



Original Color

196.5800, 23.8711, -3.1397

Protanomaly

195.4760, 24.9083, -9.1875

Deuteranomaly

196.2700, 24.0239, -5.4988

Tritanomaly

195.2240, 13.6936, -5.4584

Monochromacy



Original Color

196.5800, 23.8711, -3.1397

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5800, 23.8711, -3.1397 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(193, 189, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 245)  
}
```

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(193, 189, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 245) }
```

Border

The CSS property to change the border of an element to YUV 196.5800, 23.8711, -3.1397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

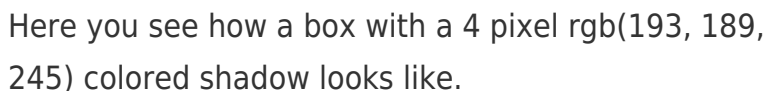
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 189, 245) }
```


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

```
.border{ border-color:rgb(193, 189, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 189, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 189, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 189, 245); box-shadow:4px 4px 4px 4px rgb(193, 189, 245) }
```

Background

The CSS property to change the background color of an element to YUV 196.5800, 23.8711, -3.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 245) }
```

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

```
.background{ background-color: rgb(193,  
189, 245) }
```

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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