

Converting Colors

YUV(130.5800, 23.8711,
-3.1397)

Have a look what the booklet for
YUV(130.5800, 23.8711, -3.1397)
contains.

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Color

**YUV(130.5800, 23.8711,
-3.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7BB3
RGB	127, 123, 179
RGB Percent	50%, 48%, 70%
CMY	0.5020, 0.5176, 0.2980
CMYK	0.29, 0.31, 0.00, 0.30
HSL	244°, 27%, 59%
HSV	244°, 31%, 70%
XYZ	23.9720, 21.9326, 45.6178
YIQ	130.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

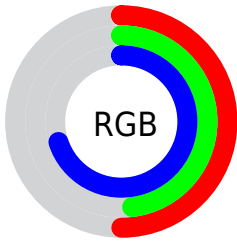
Format	Color
R _Y B	127, 123, 179
Decimal	8354739
CIE Lab	53.96, 14.37, -29.04
CIE LCh	54, 32.404, 296.334
Yxy	21.9326, 0.2619, 0.2396
Android (android.graphics.Color)	4286544819 (0xFF7F7BB3)
YUV	130.5800, 23.8711, -3.1397
Hunter-Lab	46.8323, 9.4123, -24.9699

Details

The YUV color **130.5800, 23.8711, -3.1397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **171.4200, -23.8711, 3.1397**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6340, 25.3234, -2.3100**, and **80.5260, 22.4187, -3.9693** is the 20% darker color. If you saturate the color by 10%, you get **114.9310, 31.5860, -4.3245**, and if you desaturate by 10%, it is **146.2290, 16.1561, -1.9548**.

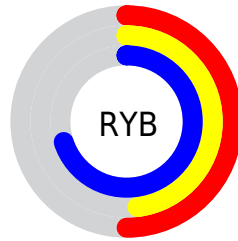
Distribution



Red (50%)

Green (48%)

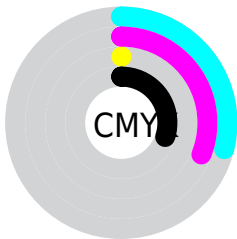
Blue (70%)



Red (50%)

Yellow (48%)

Blue (70%)

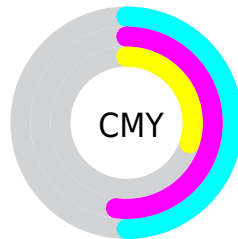


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (52%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.5800, 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 130.5800, 23.8711, -3.1397 by changing the saturation by 10% instead.

■ 130.5800, 23.8711,
-3.1397

■ 130.5800, 23.8711,
-3.1397

255.0000, 0.0000,
0.0000

■ 105.0530, 23.1449,
-3.5545

■ 183.6340, 25.3234,
-2.3100

■ 80.5260, 22.4187,
-3.9693

■ 210.7220, 21.8291,
-1.5102

■ 57.2870, 21.5505,
-5.5137

■ 235.8290, 9.4513,
1.9040

■ 35.0480, 20.6823,
-7.0581

■ 11.1620, 21.1191,
-7.1581

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 130.5800, 23.8711,
-3.1397

■ 130.5800, 23.8711,
-3.1397

■ 114.9310, 31.5860,
-4.3245

■ 146.2290, 16.1561,
-1.9548

■ 99.5810, 39.1536,
-4.8945

■ 161.5790, 8.5886,
-1.3848

■ 83.9320, 46.8685,
-6.0794

■ 177.2280, 0.8736,
-0.2000

■ 68.5820, 54.4361,
-6.6494

■ 192.5780, -6.6940,
0.3701

■ 53.5200, 61.8616,
-8.3490

■ 208.2270,
-14.4089, 1.5549

■ 37.8710, 69.5766,
-9.5339

■ 223.2890,
-21.8345, 3.2545

■ 24.2930, 76.2706,
-9.9040

■ 238.6390,
-29.4020, 3.8246

■ 246.3360,
-33.1966, 7.5983

Harmonies

Analogous

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



123.2660, 29.9419, -37.0673



130.5800, 23.8711, -3.1397



132.7100, 13.4540, 24.8103

Triad

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



130.5800, 23.8711, -3.1397



128.9820, -22.6691, 37.7268



113.3150, 5.2677, -56.4043

Complementary

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



130.5800, 23.8711, -3.1397



171.4200, -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.



120.4360, -11.5539, -27.5694



130.5800, 23.8711, -3.1397



127.1340, -26.6881, 20.0535

Square

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



130.5800, 23.8711, -3.1397



130.7840, -12.2185, 45.7934



124.6150, -22.9812, -2.2934



101.3830, 25.4472, -88.9129

Rectangle

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



130.5800, 23.8711, -3.1397



132.0230, 5.4117, 37.6908



124.6150, -22.9812, -2.2934



115.8880, -0.4378, -46.3828

Sweetspot

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



130.5800, 23.8711, -3.1397



213.9920, 8.8779, -0.8700



159.9080, 9.4124, -32.3683



105.7810, 5.5310, -0.6849



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.5800, 23.8711, -3.1397



155.8260, 37.5538, -5.1094



138.9520, 19.7437, 14.0741



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Inverse Universe

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



145.6720, 14.4587, 29.2287



179.6600, 22.8456, 45.9022



163.0480, -19.7437, -14.0741



83.7170, 2.6045, 4.6332



61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 130.5800, 23.8711, -3.1397 looks on a white background.

Color Contrast Check

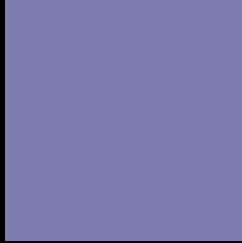
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5800, 23.8711, -3.1397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

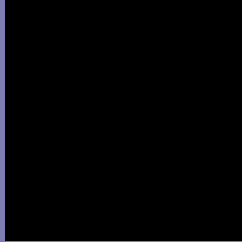
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.5800, 23.8711, -3.1397

Background



This preview shows how black text looks on a background with the YUV color 130.5800, 23.8711, -3.1397.



This preview shows how white text looks on a background with the YUV color 130.5800, 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

130.5800, 23.8711, -3.1397

Protanopia

128.7850, 26.2350, -14.7204

Deuteranopia

128.6280, 24.3404, -13.7058



Tritanopia

127.9650, 6.4263, -7.8623

Trichromacy



Original Color

130.5800, 23.8711, -3.1397

Protanomaly

129.5790, 25.3506, -11.0318

Deuteranomaly

129.5360, 23.8928, -10.1171

Tritanomaly

128.6970, 12.9674, -5.8733

Monochromacy



Original Color

130.5800, 23.8711, -3.1397

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5800, 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(127, 123, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 123, 179)  
}
```

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(127, 123, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 123, 179) }
```

Border

The CSS property to change the border of an element to YUV 130.5800, 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(127, 123, 179) }
```


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

```
.border{ border-color:rgb(127, 123, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 123, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 123, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 123, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 123,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 130.5800, 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(127, 123, 179) }
```

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

```
.background{ background-color: rgb(127,  
123, 179) }
```

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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