

Converting Colors

YUV(94.5800, 23.8711, -3.1397)

Have a look what the booklet for
YUV(94.5800, 23.8711, -3.1397)
contains.

YUV(94.5800, 23.8711, -3.1397)	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(94.5800, 23.8711,
-3.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	5B578F
RGB	91, 87, 143
RGB Percent	36%, 34%, 56%
CMY	0.6431, 0.6588, 0.4392
CMYK	0.36, 0.39, 0.00, 0.44
HSL	244°, 24%, 45%
HSV	244°, 39%, 56%
XYZ	12.6805, 11.0237, 27.4461
YIQ	94.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

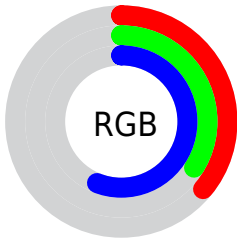
Format	Color
R_{YB}	91, 87, 143
Decimal	5986191
CIE _{Lab}	39.62, 15.74, -30.44
CIE _{LCh}	40, 34.272, 297.348
Yxy	11.0237, 0.2479, 0.2155
Android (android.graphics.Color)	4284176271 (0xFF5B578F)
YUV	94.5800, 23.8711, -3.1397
Hunter-Lab	33.2020, 10.0693, -25.7701

Details

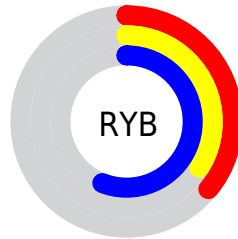
The YUV color **94.5800, 23.8711, -3.1397** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.4200, -23.8711, 3.1397**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6340, 25.3234, -2.3100**, and **47.4010, 21.9873, -5.6137** is the 20% darker color. If you saturate the color by 10%, you get **82.4750, 29.8388, -3.9246**, and if you desaturate by 10%, it is **106.6850, 17.9033, -2.3547**.

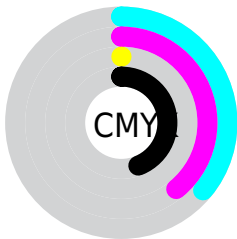
Distribution



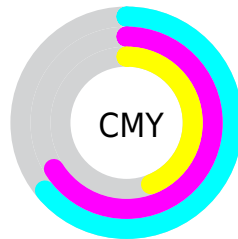
- Red (36%)
- Green (34%)
- Blue (56%)



- Red (36%)
- Yellow (34%)
- Blue (56%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (66%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5800, 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 94.5800, 23.8711, -3.1397 by changing the saturation by 10% instead.

■ 94.5800, 23.8711,
-3.1397

■ 94.5800, 23.8711,
-3.1397

■ 255.0000, 0.0000,
0.0000

■ 70.6400, 22.8555,
-4.0693

■ 145.6340, 25.3234,
-2.3100

■ 47.4010, 21.9873,
-5.6137

■ 172.1610, 26.0496,
-1.8952

■ 24.5640, 21.4139,
-8.3876

■ 199.6880, 26.7758,
-1.4804

■ 5.2440, 20.0927,
-4.5990

■ 224.6100, 14.9823,
1.2190

■ 3.3230, 10.1938,
-2.9143

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 94.5800, 23.8711,
-3.1397

■ 94.5800, 23.8711,
-3.1397

■ 82.4750, 29.8388,
-3.9246

■ 106.6850, 17.9033,
-2.3547

■ 69.4840, 36.2434,
-4.8095

■ 119.6760, 11.4987,
-1.4699

■ 57.3790, 42.2112,
-5.5944

■ 131.7810, 5.5310,
-0.6849

■ 45.2740, 48.1789,
-6.3793

■ 143.8860, -0.4368,
0.1000

■ 33.1690, 54.1467,
-7.1642

■ 156.5780, -6.6940,
0.3701

■ 20.1780, 60.5512,
-8.0491

■ 168.9820,
-12.8091, 1.7698

■ 19.2920, 60.9880,
-8.1491

■ 181.0870,
-18.7769, 2.5547

■ 193.1920,

-24.7447, 3.3396

 206.1830,
-31.1492, 4.2245

Harmonies

Analogous

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



83.1940, 32.4424, -45.7741



94.5800, 23.8711, -3.1397



96.1230, 13.7434, 25.3251

Triad

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



94.5800, 23.8711, -3.1397



92.6720, -22.5163, 35.3677



73.0690, 8.3470, -64.0815

Complementary

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



94.5800, 23.8711, -3.1397



135.4200, -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.



83.3540, -10.5275, -30.1285



94.5800, 23.8711, -3.1397



90.8950, -27.5562, 18.5091

Square

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



94.5800, 23.8711, -3.1397



93.4850, -12.0711, 45.1787



87.9030, -23.1232, -3.4229



76.2610, 20.5773, -66.8809

Rectangle

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



94.5800, 23.8711, -3.1397



95.3220, 5.2643, 38.3056



87.9030, -23.1232, -3.4229



71.9290, 3.9790, -63.0817

Sweetspot

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



94.5800, 23.8711, -3.1397



166.8070, 9.4621, -1.5847



123.9080, 9.4124, -32.3683



82.7810, 5.5310, -0.6849



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



94.5800, 23.8711, -3.1397



110.7120, 37.1170, -5.0094



102.9520, 19.7437, 14.0741



65.0970, 2.9102, -0.0851



18.3800, 57.4937, -7.3493



1.2110, 3.3470, -0.1850

Inverse Universe

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



109.6720, 14.4587, 29.2287



134.2470, 22.5562, 45.3874



127.0480, -19.7437, -14.0741



66.8910, 2.0257, 3.6036



54.6150, 34.6998, 70.4976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 94.5800, 23.8711, -3.1397 looks on a white 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

Black Background



This preview shows how the YUV color 94.5800, 23.8711, -3.1397 looks on a black 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

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

YUV 94.5800, 23.8711, -3.1397

Background



This preview shows how black text looks on a background with the YUV color 94.5800, 23.8711, -3.1397.



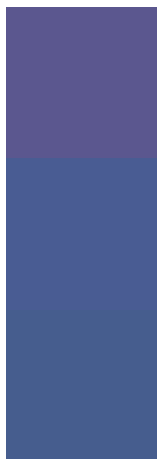
This preview shows how white text looks on a background with the YUV color 94.5800, 23.8711,

-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

94.5800, 23.8711, -3.1397

Protanopia

92.5890, 26.8246, -17.1796

Deuteranopia

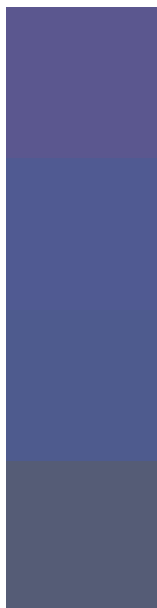
91.7090, 24.7935, -19.0388



Tritanopia

92.0250, 5.4107, -8.7919

Trichromacy



Original Color

94.5800, 23.8711, -3.1397

Protanomaly

93.3940, 25.9348, -11.7465

Deuteranomaly

92.9270, 24.1930, -13.0910

Tritanomaly

92.8710, 12.3886, -6.9029

Monochromacy



Original Color

94.5800, 23.8711, -3.1397

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5800, 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(91, 87, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 87, 143)  
}
```

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(91, 87, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 87, 143) }
```

Border

The CSS property to change the border of an element to YUV 94.5800, 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(91, 87, 143) }
```


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

```
.border{ border-color:rgb(91, 87, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 87, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 87, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 87, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 87,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 94.5800, 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(91, 87, 143) }
```

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

```
.background{ background-color: rgb(91, 87,  
143) }
```

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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