

Converting Colors

YUV(94.1000, 11.7827, 0.7893)

Have a look what the booklet for
YUV(94.1000, 11.7827, 0.7893)
contains.

YUV(94.1000, 11.7827, 0.7893)	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(94.1000, 11.7827,
0.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5976
RGB	95, 89, 118
RGB Percent	37%, 35%, 46%
CMY	0.6275, 0.6510, 0.5373
CMYK	0.19, 0.25, 0.00, 0.54
HSL	252°, 14%, 41%
HSV	252°, 25%, 46%
XYZ	11.5617, 10.8857, 18.6313
YIQ	94.1000, -5.7330, 10.2910

Conversions

Conversions Part 2

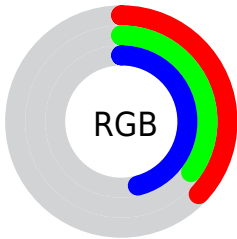
Format	Color
R_{YB}	95, 89, 118
Decimal	6248822
CIE _{Lab}	39.39, 9.00, -15.54
CIE _{LCh}	39, 17.959, 300.087
Yxy	10.8857, 0.2815, 0.2650
Android (android.graphics.Color)	4284438902 (0xFF5F5976)
YUV	94.1000, 11.7827, 0.7893
Hunter-Lab	32.9934, 4.8123, -10.3855

Details

The YUV color **94.1000, 11.7827, 0.7893** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.9000, -11.7827, -0.7893**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6270, 12.5089, 1.2041**, and **48.1600, 10.7671, -0.1403** is the 20% darker color. If you saturate the color by 10%, you get **84.3650, 16.5821, 1.4339**, and if you desaturate by 10%, it is **103.8350, 6.9833, 0.1447**.

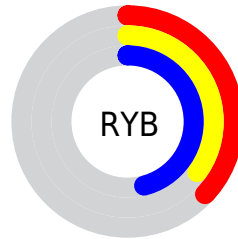
Distribution



Red (37%)

Green (35%)

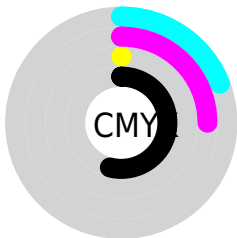
Blue (46%)



Red (37%)

Yellow (35%)

Blue (46%)

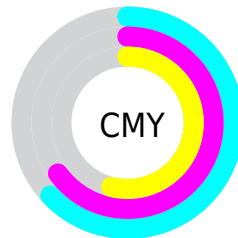


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (54%)



Cyan (63%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1000, 11.7827, 0.7893 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 94.1000, 11.7827, 0.7893 by changing the saturation by 10% instead.

■ 94.1000, 11.7827,
0.7893

■ 94.1000, 11.7827,
0.7893

■ 255.0000, 0.0000,
0.0000

■ 70.5730, 11.0565,
0.3745

■ 144.6270, 12.5089,
1.2041

■ 48.1600, 10.7671,
-0.1403

■ 170.8550, 13.3825,
1.0042

■ 26.9320, 9.8935,
0.0596

■ 198.2680, 13.6719,
1.5190

■ 3.0780, 11.7935,
-2.6994

■ 226.2680, 13.6719,
1.5190

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,
3.0888

■ 94.1000, 11.7827,
0.7893

■ 94.1000, 11.7827,
0.7893

■ 84.3650, 16.5821,
1.4339

■ 103.8350, 6.9833,
0.1447

■ 74.3310, 21.5288,
1.4637

■ 113.8690, 2.0366,
0.1149

■ 65.1830, 26.0388,
1.5935

■ 123.0170, -2.4734,
-0.0149

■ 55.4480, 30.8381,
2.2381

■ 132.7520, -7.2727,
-0.6595

■ 45.4140, 35.7849,
2.2679

■ 142.7860,
-12.2195, -0.6893

■ 35.6790, 40.5843,
2.9125

■ 152.5210,
-17.0189, -1.3339

■ 25.6450, 45.5310,
2.9423

■ 162.5550,
-21.9656, -1.3637

■ 20.6280, 48.0044,

■ 171.7030,

2.9572

-26.4756, -1.4935

 181.4380,
-31.2749, -2.1381

Harmonies

Analogous

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



91.2120, 15.1785, -15.0949



94.1000, 11.7827, 0.7893



95.1080, 6.3558, 14.8143

Triad

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



94.1000, 11.7827, 0.7893



93.2060, -12.4266, 19.1133



86.2200, 2.8495, -27.3799

Complementary

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



94.1000, 11.7827, 0.7893



112.9000, -11.7827, -0.7893

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.



88.2340, -5.0454, -15.1142



94.1000, 11.7827, 0.7893



92.0970, -13.8518, 9.5619

Square

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



94.1000, 11.7827, 0.7893



94.2050, -7.4961, 24.3762



90.3020, -11.4879, -2.0189



85.2500, 10.7227, -32.6683

Rectangle

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



94.1000, 11.7827, 0.7893



94.8870, 1.5347, 21.1471



90.3020, -11.4879, -2.0189



87.1450, -0.0715, -23.8062

Sweetspot

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



94.1000, 11.7827, 0.7893



144.1510, 4.3626, 0.7446



105.8070, 6.0111, -14.7397



71.3960, 2.7628, 0.5297



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.1000, 11.7827, 0.7893



116.7070, 17.8924, 1.1340



98.2860, 9.7190, 9.3962



53.9830, 2.4734, 0.0149



21.3830, 49.6042, 3.1721



44.0480, 101.5343, 6.9739

Inverse Universe

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



100.2930, 5.7716, 15.5290



126.1460, 8.8020, 23.5510



108.7140, -9.7190, -9.3962



55.2500, 0.8628, 3.2888



47.5360, 24.3858, 65.3049



97.3220, 49.6343, 133.8986

Previews

White Background



This preview shows how the YUV color 94.1000, 11.7827, 0.7893 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 94.1000, 11.7827, 0.7893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

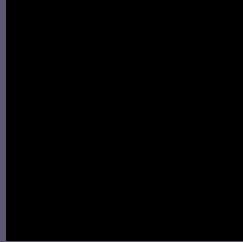
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1000, 11.7827, 0.7893

Background



This preview shows how black text looks on a background with the YUV color 94.1000, 11.7827, 0.7893.



This preview shows how white text looks on a background with the YUV color 94.1000, 11.7827,

0.7893.

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

94.1000, 11.7827, 0.7893

Protanopia

93.0990, 13.2622, -7.1028

Deuteranopia

93.4800, 12.0884, -3.9290



Tritanopia

92.9120, 3.4944, -0.7998

Trichromacy



Original Color

94.1000, 11.7827, 0.7893

Protanomaly

93.5940, 12.5252, -4.0289

Deuteranomaly

93.4910, 12.0829, -2.1846

Tritanomaly

93.4220, 6.6940, -0.3701

Monochromacy



Original Color

94.1000, 11.7827, 0.7893

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1000, 11.7827, 0.7893 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(95, 89, 118)` looks like.

```
.text, #text, p{  
    color:rgb(95, 89, 118)  
}
```

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(95, 89, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 89, 118) }
```

Border

The CSS property to change the border of an element to YUV 94.1000, 11.7827, 0.7893 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(95, 89, 118) }
```


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

```
.border{ border-color:rgb(95, 89, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 89, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 89, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 89, 118);  
box-shadow:4px 4px 4px 4px rgb(95, 89,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 94.1000, 11.7827, 0.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 89, 118) }
```

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

```
.background{ background-color: rgb(95, 89,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor