

Converting Colors

YUV(89.1000, 11.7827, 0.7893)

Have a look what the booklet for
YUV(89.1000, 11.7827, 0.7893)
contains.

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Color

**YUV(89.1000, 11.7827,
0.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5471
RGB	90, 84, 113
RGB Percent	35%, 33%, 44%
CMY	0.6471, 0.6706, 0.5569
CMYK	0.20, 0.26, 0.00, 0.56
HSL	252°, 15%, 39%
HSV	252°, 26%, 44%
XYZ	10.3674, 9.7066, 16.9499
YIQ	89.1000, -5.7330, 10.2910

Conversions

Conversions Part 2

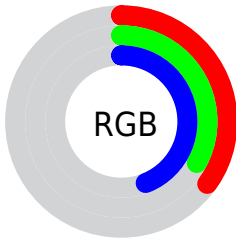
Format	Color
R_{YB}	90, 84, 113
Decimal	5919857
CIE Lab	37.31, 9.11, -15.67
CIE LCh	37, 18.130, 300.172
Yxy	9.7066, 0.2800, 0.2622
Android (android.graphics.Color)	4284109937 (0xFF5A5471)
YUV	89.1000, 11.7827, 0.7893
Hunter-Lab	31.1554, 4.8767, -10.4477

Details

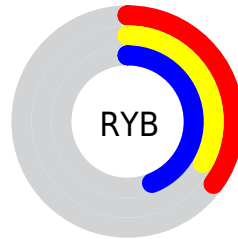
The YUV color **89.1000, 11.7827, 0.7893** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **107.9000, -11.7827, -0.7893**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3280, 12.6563, 0.5893**, and **43.4590, 10.6197, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **79.9520, 16.2927, 0.9191**, and if you desaturate by 10%, it is **98.2480, 7.2727, 0.6595**.

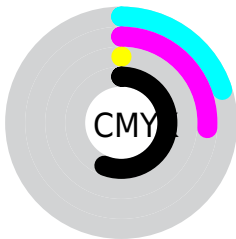
Distribution



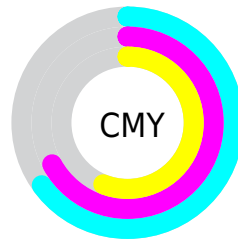
- Red (35%)
- Green (33%)
- Blue (44%)



- Red (35%)
- Yellow (33%)
- Blue (44%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1000, 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 89.1000, 11.7827, 0.7893 by changing the saturation by 10% instead.

■ 89.1000, 11.7827,
0.7893

■ 89.1000, 11.7827,
0.7893

■ 255.0000, 0.0000,
0.0000

■ 65.5730, 11.0565,
0.3745

■ 139.3280, 12.6563,
0.5893

■ 43.4590, 10.6197,
0.4745

■ 165.7410, 12.9457,
1.1041

■ 22.6330, 10.0409,
-0.5551

■ 192.8550, 13.3825,
1.0042

■ 3.0950, 9.3202,
-2.7143

■ 220.2680, 13.6719,
1.5190

■ 0.0000, 0.0000,
0.0000

■ 246.7600, 4.0623,
3.7185

■ 89.1000, 11.7827,
0.7893

■ 89.1000, 11.7827,
0.7893

■ 79.9520, 16.2927,
0.9191

■ 98.2480, 7.2727,
0.6595

■ 70.2170, 21.0920,
1.5637

■ 107.9830, 2.4734,
0.0149

■ 61.0690, 25.6020,
1.6935

■ 117.1310, -2.0366,
-0.1149

■ 51.9210, 30.1119,
1.8233

■ 126.2790, -6.5465,
-0.2447

■ 42.7730, 34.6219,
1.9531

■ 136.0140,
-11.3459, -0.8893

■ 33.0380, 39.4213,
2.5977

■ 145.1620,
-15.8559, -1.0191

■ 23.8900, 43.9312,
2.7275

■ 154.3100,
-20.3658, -1.1489

■ 19.7590, 45.9678,

■ 163.4580,

2.8424

-24.8758, -1.2787

■ 173.1930,
-29.6751, -1.9233

Harmonies

Analogous

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



86.2120, 15.1785, -15.0949



89.1000, 11.7827, 0.7893



90.1080, 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.



89.1000, 11.7827, 0.7893



88.2060, -12.4266, 19.1133



81.2200, 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.



89.1000, 11.7827, 0.7893



107.9000, -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.



83.2340, -5.0454, -15.1142



89.1000, 11.7827, 0.7893



87.0970, -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.



89.1000, 11.7827, 0.7893



89.2050, -7.4961, 24.3762



85.3020, -11.4879, -2.0189



79.9510, 10.8702, -33.2830

Rectangle

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



89.1000, 11.7827, 0.7893



89.8870, 1.5347, 21.1471



85.3020, -11.4879, -2.0189



82.1450, -0.0715, -23.8062

Sweetspot

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



89.1000, 11.7827, 0.7893



138.2650, 4.7994, 0.6446



100.8070, 6.0111, -14.7397



68.0970, 2.9102, -0.0851



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



89.1000, 11.7827, 0.7893



110.2340, 18.6186, 1.5488



93.2860, 9.7190, 9.3962



51.2820, 2.3260, 0.6297



21.1550, 48.7306, 3.3721



43.4070, 100.3713, 6.6591

Inverse Universe

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



95.2930, 5.7716, 15.5290



119.8580, 8.9440, 24.6805



103.7140, -9.7190, -9.3962



52.3640, 1.2995, 3.1888



46.7100, 23.8070, 64.2753



96.1970, 49.2029, 132.2542

Previews

White Background



This preview shows how the YUV color 89.1000, 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 ✓ Pass

Black Background



This preview shows how the YUV color 89.1000, 11.7827, 0.7893 looks on a black 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

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

YUV 89.1000, 11.7827, 0.7893

Background



This preview shows how black text looks on a background with the YUV color 89.1000, 11.7827, 0.7893.



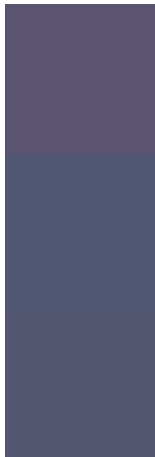
This preview shows how white text looks on a background with the YUV color 89.1000, 11.7827,

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

89.1000, 11.7827, 0.7893

Protanopia

88.0990, 13.2622, -7.1028

Deuteranopia

88.1810, 12.2358, -4.5437



Tritanopia

87.7980, 3.0576, -0.6998

Trichromacy



Original Color

89.1000, 11.7827, 0.7893

Protanomaly

88.5940, 12.5252, -4.0289

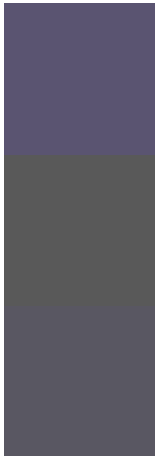
Deuteranomaly

88.4910, 12.0829, -2.1846

Tritanomaly

88.3080, 6.2572, -0.2701

Monochromacy



Original Color

89.1000, 11.7827, 0.7893

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1000, 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(90, 84, 113)` looks like.

```
.text, #text, p{  
    color:rgb(90, 84, 113)  
}
```

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(90, 84, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 84, 113) }
```

Border

The CSS property to change the border of an element to YUV 89.1000, 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(90, 84, 113) }
```


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

```
.border{ border-color:rgb(90, 84, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 84, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 84, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 84, 113);  
box-shadow:4px 4px 4px 4px rgb(90, 84,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 89.1000, 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(90, 84, 113) }
```

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

```
.background{ background-color: rgb(90, 84,  
113) }
```

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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