

Converting Colors

YUV(115.2220, 27.0056,
18.2223)

Have a look what the booklet for
YUV(115.2220, 27.0056, 18.2223)
contains.

YUV(115.2220, 27.0056, 18.2223)	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(115.2220, 27.0056,
18.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	885EAA
RGB	136, 94, 170
RGB Percent	53%, 37%, 67%
CMY	0.4667, 0.6314, 0.3333
CMYK	0.20, 0.45, 0.00, 0.33
HSL	273°, 31%, 52%
HSV	273°, 45%, 67%
XYZ	21.4117, 16.1419, 40.0174
YIQ	115.2220, 0.6360, 32.5400

Conversions

Conversions Part 2

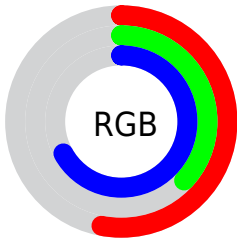
Format	Color
R _Y B	136, 94, 170
Decimal	8937130
CIE Lab	47.16, 31.99, -34.36
CIE LCh	47, 46.951, 312.953
Yxy	16.1419, 0.2760, 0.2081
Android (android.graphics.Color)	4287127210 (0xFF885EAA)
YUV	115.2220, 27.0056, 18.2223
Hunter-Lab	40.1770, 24.8191, -30.9305

Details

The YUV color **115.2220, 27.0056, 18.2223** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **148.7780, -27.0056, -18.2223**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9880, 28.5999, 20.1815**, and **65.4560, 25.4112, 16.2631** is the 20% darker color. If you saturate the color by 10%, you get **102.8510, 33.1045, 22.0557**, and if you desaturate by 10%, it is **127.5930, 20.9067, 14.3889**.

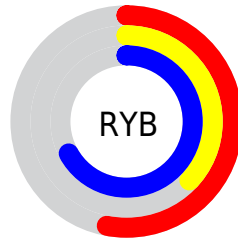
Distribution



Red (53%)

Green (37%)

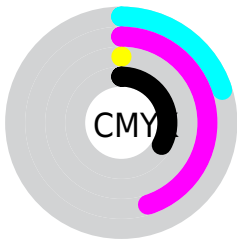
Blue (67%)



Red (53%)

Yellow (37%)

Blue (67%)

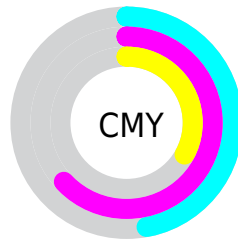


Cyan (20%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (63%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2220, 27.0056, 18.2223 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 115.2220, 27.0056, 18.2223 by changing the saturation by 10% instead.

■ 115.2220, 27.0056,
18.2223

■ 115.2220, 27.0056,
18.2223

■ 255.0000, 0.0000,
0.0000

■ 90.2820, 25.9900,
17.2927

■ 167.9880, 28.5999,
20.1815

■ 65.4560, 25.4112,
16.2631

■ 195.4010, 28.8893,
20.6963

■ 41.6300, 24.8324,
15.2335

■ 220.6220, 16.9484,
24.0105

■ 18.8040, 24.2536,
14.2039

■ 239.1510, 7.8136,
13.8996

■ 8.2340, 18.6186,
1.5488

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 115.2220, 27.0056,
18.2223

■ 115.2220, 27.0056,
18.2223

■ 102.8510, 33.1045,
22.0557

■ 127.5930, 20.9067,
14.3889

■ 90.7790, 39.0560,
26.5038

■ 139.6650, 14.9552,
9.9408

■ 78.4080, 45.1549,
30.3372

■ 152.0360, 8.8563,
6.1074

■ 66.3360, 51.1064,
34.7853

■ 164.1080, 2.9048,
1.6593

■ 53.9650, 57.2053,
38.6187

■ 176.4790, -3.1941,
-2.1741

■ 47.4860, 60.3994,
40.7928

■ 188.8500, -9.2930,
-6.0074

■ 200.9220,
-15.2445, -10.4556

■ 213.2930,
-21.3434, -14.2890

■ 225.3650,
-27.2949, -18.7371

Harmonies

Analogous

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



106.4480, 40.6981, -33.7189



115.2220, 27.0056, 18.2223



113.3050, 11.1886, 51.4755

Triad

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



115.2220, 27.0056, 18.2223



108.6710, -37.7988, 37.1225



91.4890, 17.9999, -80.2359

Complementary

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



115.2220, 27.0056, 18.2223



148.7780, -27.0056, -18.2223

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.



85.6410, 0.6700, -75.1072



115.2220, 27.0056, 18.2223



105.5660, -38.7330, 10.0276

Square

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



115.2220, 27.0056, 18.2223



109.6470, -24.4760, 57.3146



100.1300, -24.2211, -24.6700



94.5330, 34.7402, -82.9054

Rectangle

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



115.2220, 27.0056, 18.2223



111.2820, -0.6320, 62.8967



100.1300, -24.2211, -24.6700



90.0070, 12.3215, -78.9361

Sweetspot

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



115.2220, 27.0056, 18.2223



201.0900, 10.3086, 6.9371



122.6220, 23.3574, -25.1015



99.0420, 6.3883, 4.3482



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.2220, 27.0056, 18.2223



135.4140, 42.6869, 28.5779



124.9320, 20.2465, 39.5246



78.1080, 2.9048, 1.6593



41.3900, 52.5587, 35.6150



5.5690, 7.1145, 4.7630

Inverse Universe

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



120.6000, 3.6482, 43.3238



144.0360, 5.8983, 68.3744



139.0680, -20.2465, -39.5246



78.7340, 0.1311, 4.6183



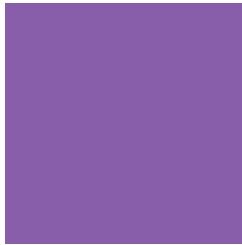
51.7760, 7.0124, 84.3884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 115.2220, 27.0056, 18.2223 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 115.2220, 27.0056, 18.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

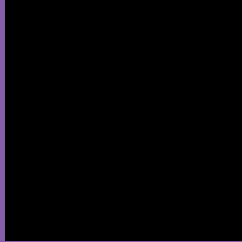
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.2220, 27.0056, 18.2223

Background



This preview shows how black text looks on a background with the YUV color 115.2220, 27.0056, 18.2223.



This preview shows how white text looks on a background with the YUV color 115.2220, 27.0056, 18.2223.

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

115.2220, 27.0056, 18.2223

Protanopia

110.0640, 36.4504, -24.6121

Deuteranopia

110.5070, 27.8510, -19.7386



Tritanopia

113.3050, 0.8356, 12.0105

Trichromacy



Original Color

115.2220, 27.0056, 18.2223

Protanomaly

111.9520, 33.0547, -8.7279

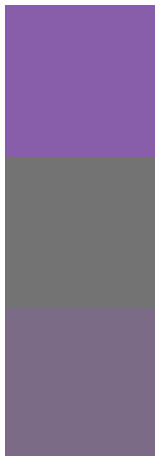
Deuteranomaly

112.1820, 27.5183, -6.2986

Tritanomaly

114.1340, 10.2869, 13.9145

Monochromacy



Original Color

115.2220, 27.0056, 18.2223

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2220, 27.0056, 18.2223 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(136, 94, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 94, 170)  
}
```

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(136, 94, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 94, 170) }
```

Border

The CSS property to change the border of an element to YUV 115.2220, 27.0056, 18.2223 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(136, 94, 170) }
```


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

```
.border{ border-color:rgb(136, 94, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 94, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 94, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 94, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 94,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 115.2220, 27.0056, 18.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 94, 170) }
```

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

```
.background{ background-color: rgb(136, 94,  
170) }
```

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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