

Converting Colors

YUV(113.0260, 27.5952,
15.7632)

Have a look what the booklet for
YUV(113.0260, 27.5952, 15.7632)
contains.

YUV(113.0260, 27.5952, 15.7632)	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(113.0260, 27.5952,
15.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	835DA9
RGB	131, 93, 169
RGB Percent	51%, 36%, 66%
CMY	0.4863, 0.6353, 0.3373
CMYK	0.22, 0.45, 0.00, 0.34
HSL	270°, 31%, 51%
HSV	270°, 45%, 66%
XYZ	20.4359, 15.5186, 39.4544
YIQ	113.0260, -1.7480, 31.6920

Conversions

Conversions Part 2

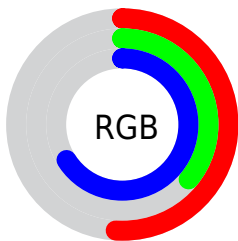
Format	Color
R _Y B	131, 93, 169
Decimal	8609193
CIE _{Lab}	46.34, 30.85, -35.11
CIE _{LCh}	46, 46.736, 311.304
Yxy	15.5186, 0.2710, 0.2058
Android (android.graphics.Color)	4286799273 (0xFF835DA9)
YUV	113.0260, 27.5952, 15.7632
Hunter-Lab	39.3936, 23.6599, -31.8060

Details

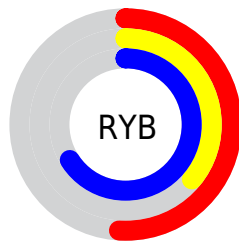
The YUV color **113.0260, 27.5952, 15.7632** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **148.9740, -27.5952, -15.7632**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4930, 29.3370, 17.1076**, and **63.8470, 25.7114, 13.2892** is the 20% darker color. If you saturate the color by 10%, you get **100.6550, 33.6941, 19.5966**, and if you desaturate by 10%, it is **125.3970, 21.4963, 11.9298**.

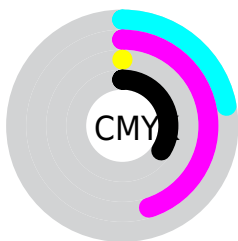
Distribution



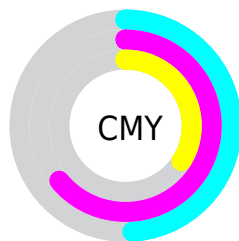
- Red (51%)
- Green (36%)
- Blue (66%)



- Red (51%)
- Yellow (36%)
- Blue (66%)



- Cyan (22%)
- Magenta (45%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0260, 27.5952, 15.7632 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 113.0260, 27.5952, 15.7632 by changing the saturation by 10% instead.

■ 113.0260, 27.5952,
15.7632

■ 113.0260, 27.5952,
15.7632

■ 255.0000, 0.0000,
0.0000

■ 88.0860, 26.5796,
14.8336

■ 165.4930, 29.3370,
17.1076

■ 63.8470, 25.7114,
13.2892

■ 193.2050, 29.4789,
18.2372

■ 40.0210, 25.1326,
12.2596

■ 217.9530, 18.2642,
21.9662

■ 17.1950, 24.5539,
11.2300

■ 238.5640, 8.1029,
14.4144

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 113.0260, 27.5952,
15.7632

■ 113.0260, 27.5952,
15.7632

■ 100.6550, 33.6941,
19.5966

■ 125.3970, 21.4963,
11.9298

■ 87.9850, 39.9404,
22.8152

■ 138.0670, 15.2500,
8.7112

■ 75.6140, 46.0393,
26.6485

■ 150.4380, 9.1511,
4.8779

■ 62.9440, 52.2856,
29.8671

■ 163.1080, 2.9048,
1.6593

■ 51.1600, 58.0951,
33.1857

■ 174.8920, -2.9048,
-1.6593

■ 44.3820, 61.4367,
34.7450

■ 187.5620, -9.1511,
-4.8779

■ 199.9330,
-15.2500, -8.7112

■ 212.6030,
-21.4963, -11.9298

■ 224.9740,
-27.5952, -15.7632

Harmonies

Analogous

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



103.2410, 41.2932, -37.9224



113.0260, 27.5952, 15.7632



111.5220, 12.0677, 49.5312

Triad

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



113.0260, 27.5952, 15.7632



106.6110, -36.7832, 38.0522



89.8590, 16.8315, -78.8063

Complementary

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



113.0260, 27.5952, 15.7632



148.9740, -27.5952, -15.7632

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.



84.0110, -0.4984, -73.6776



113.0260, 27.5952, 15.7632



104.1640, -39.0279, 11.2572

Square

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



113.0260, 27.5952, 15.7632



107.5870, -23.4604, 58.2442



98.7990, -25.5369, -22.6257



92.9030, 33.5718, -81.4759

Rectangle

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



113.0260, 27.5952, 15.7632



108.9120, 0.5364, 61.4672



98.7990, -25.5369, -22.6257



88.2630, 10.7163, -77.4067

Sweetspot

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



113.0260, 27.5952, 15.7632



198.3780, 10.1666, 5.8075



123.9700, 22.1998, -27.1607



96.7430, 6.5357, 3.7334



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.0260, 27.5952, 15.7632



132.0930, 42.8452, 24.4744



124.3880, 21.9937, 39.1247



78.1080, 2.9048, 1.6593



38.9980, 53.7380, 30.6968



5.2700, 7.2619, 4.1482

Inverse Universe

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



120.0560, 5.3954, 42.9239



143.0080, 8.3771, 66.6450



137.6120, -21.9937, -39.1247



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 113.0260, 27.5952, 15.7632 looks on a white background.

Color Contrast Check

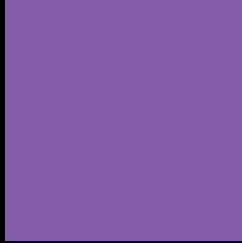
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0260, 27.5952, 15.7632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

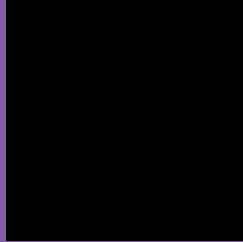
Any Text WCAG AA × Fail

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 113.0260, 27.5952, 15.7632 Background



This preview shows how black text looks on a background with the YUV color 113.0260, 27.5952, 15.7632.



This preview shows how white text looks on a background with the YUV color 113.0260, 27.5952,

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

113.0260, 27.5952, 15.7632

Protanopia

108.0640, 36.4504, -24.6121

Deuteranopia

108.6100, 28.2933, -21.5830



Tritanopia

111.3970, 1.2833, 8.4218

Trichromacy



Original Color

113.0260, 27.5952, 15.7632

Protanomaly

110.2400, 32.9127, -9.8575

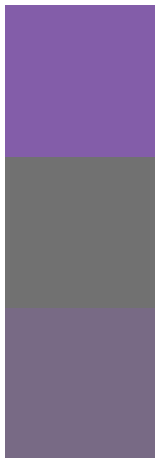
Deuteranomaly

110.2850, 27.9605, -8.1429

Tritanomaly

111.9380, 10.8766, 11.4554

Monochromacy



Original Color

113.0260, 27.5952, 15.7632

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2640, 9.7298, 5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0260, 27.5952, 15.7632 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(131, 93, 169)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 169)  
}
```

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(131, 93, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 169) }
```

Border

The CSS property to change the border of an element to YUV 113.0260, 27.5952, 15.7632 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(131, 93, 169) }
```


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

```
.border{ border-color:rgb(131, 93, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 93, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 93, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 93, 169); box-shadow:4px 4px 4px 4px rgb(131, 93, 169) }
```

Background

The CSS property to change the background color of an element to YUV 113.0260, 27.5952, 15.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 169) }
```

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

```
.background{ background-color: rgb(131, 93,  
169) }
```

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