

Converting Colors

YUV(115.8290, 56.7793,
35.2300)

Have a look what the booklet for
YUV(115.8290, 56.7793, 35.2300)
contains.

YUV(115.8290, 56.7793, 35.2300)	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(115.8290, 56.7793,
35.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	9C49E7
RGB	156, 73, 231
RGB Percent	61%, 29%, 91%
CMY	0.3882, 0.7137, 0.0941
CMYK	0.32, 0.68, 0.00, 0.09
HSL	272°, 77%, 60%
HSV	272°, 68%, 91%
XYZ	30.5166, 17.6025, 77.3905
YIQ	115.8290, -1.2500, 66.7340

Conversions

Conversions Part 2

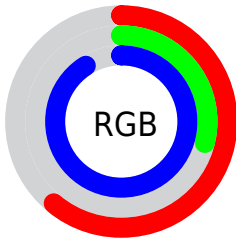
Format	Color
RYB	156, 73, 231
Decimal	10242535
CIELab	49.01, 62.16, -66.40
CIElCh	49, 90.954, 313.110
Yxy	17.6025, 0.2431, 0.1402
Android (android.graphics.Color)	4288432615 (0xFF9C49E7)
YUV	115.8290, 56.7793, 35.2300
Hunter-Lab	41.9554, 56.4118, -79.9971

Details

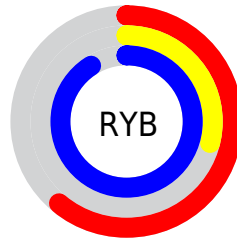
The YUV color **115.8290, 56.7793, 35.2300** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **188.1710, -56.7793, -35.2300**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9040, 42.9383, 41.3032**, and **54.4210, 58.9524, 38.2188** is the 20% darker color. If you saturate the color by 10%, you get **99.0390, 65.0568, 40.3078**, and if you desaturate by 10%, it is **132.6190, 48.5018, 30.1521**.

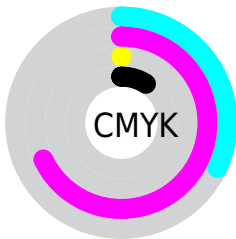
Distribution



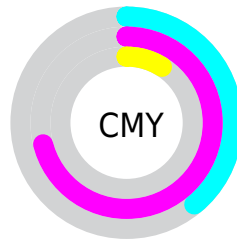
- Red (61%)
- Green (29%)
- Blue (91%)



- Red (61%)
- Yellow (29%)
- Blue (91%)



- Cyan (32%)
- Magenta (68%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (71%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8290, 56.7793, 35.2300 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 115.8290, 56.7793, 35.2300 by changing the saturation by 10% instead.

■ 115.8290, 56.7793,
35.2300

■ 115.8290, 56.7793,
35.2300

■ 255.0000, 0.0000,
0.0000

■ 87.4160, 56.4899,
34.7152

■ 167.9040, 42.9383,
41.3032

■ 54.4210, 58.9524,
38.2188

■ 193.3100, 30.4132,
45.3321

■ 37.0900, 54.1856,
27.1081

■ 212.7360, 20.8362,
37.0655

■ 24.1450, 47.2565,
9.5198

■ 229.1720, 12.7332,
22.6512

■ 10.8300, 41.4958,
-9.4979

■ 246.1950, 4.3409,
7.7220

■ 7.9800, 30.5759,
-6.9985

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 115.8290, 56.7793,
35.2300

■ 115.8290, 56.7793,
35.2300

■ 99.0390, 65.0568,
40.3078

■ 132.6190, 48.5018,
30.1521

■ 82.2490, 73.3342,
45.3856

■ 149.4090, 40.2244,
25.0743

■ 65.4590, 81.6117,
50.4635

■ 166.1990, 31.9469,
19.9965

■ 62.5130, 83.0641,
51.2931

■ 182.9890, 23.6694,
14.9186

■ 199.7790, 15.3920,
9.8408

■ 217.1560, 6.8251,
4.2482

■ 233.9460, -1.4524,
-0.8296

■ 248.9750, -8.8617,
-4.3631

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



115.8290, 56.7793, 35.2300



86.4550, 37.7367, 123.2580

Triad

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



115.8290, 56.7793, 35.2300



109.2750, -53.8726, 59.3948



103.3890, 22.9792, -90.6722

Complementary

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



115.8290, 56.7793, 35.2300



188.1710, -56.7793, -35.2300

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.



92.2800, -11.9700, -80.9296



115.8290, 56.7793, 35.2300



105.9770, -52.2467, 4.4052

Square

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



115.8290, 56.7793, 35.2300



92.2170, -45.4630, 115.5737



81.0060, -39.9360, -71.0423



111.0100, 54.7181, -97.3558

Rectangle

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



115.8290, 56.7793, 35.2300



85.7240, 12.9541, 138.8081



81.0060, -39.9360, -71.0423



99.7240, 11.4751, -87.4579

Sweetspot

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



115.8290, 56.7793, 35.2300



215.8270, 19.3123, 12.4297



135.6240, 47.0204, -54.9212



104.4320, 11.6190, 6.6371



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



115.8290, 56.7793, 35.2300



102.7160, 75.0760, 46.7301



137.9120, 44.4134, 81.6382



106.1620, 4.3571, 2.4889



48.5120, 64.3306, 39.8930



13.8870, 18.2967, 11.5001

Inverse Universe

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



128.7920, 9.4695, 89.6364



119.7770, 12.4349, 118.5906



166.0880, -44.4134, -81.6382



107.2720, 0.8519, 6.7775



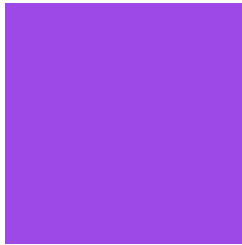
63.2110, 10.7420, 101.5470



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 115.8290, 56.7793, 35.2300 looks on a white background.

Color Contrast Check

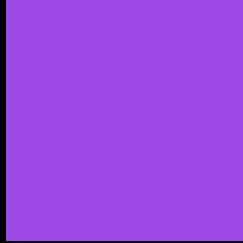
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8290, 56.7793, 35.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

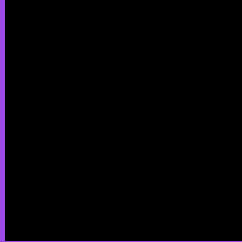
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8290, 56.7793, 35.2300

Background



This preview shows how black text looks on a background with the YUV color 115.8290, 56.7793, 35.2300.



This preview shows how white text looks on a background with the YUV color 115.8290, 56.7793,

35.2300.

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

115.8290, 56.7793, 35.2300

Protanopia

92.8760, 71.5461, -81.4523

Deuteranopia

93.5650, 56.4165, -82.0565



Tritanopia

118.3870, -0.1908, 14.5696

Trichromacy



Original Color

115.8290, 56.7793, 35.2300



Protanomaly

101.3590, 65.8850, -38.9028



Deuteranomaly

101.5410, 56.4283, -39.0625



Tritanomaly

117.8220, 20.3008, 22.0811

Monochromacy



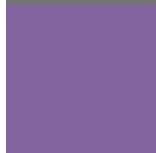
Original Color

115.8290, 56.7793, 35.2300



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.8810, 20.7647, 13.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8290, 56.7793, 35.2300 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(156, 73, 231)` looks like.

```
.text, #text, p{  
    color:rgb(156, 73, 231)  
}
```

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(156, 73, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 73, 231) }
```

Border

The CSS property to change the border of an element to YUV 115.8290, 56.7793, 35.2300 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(156, 73, 231) }
```


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

```
.border{ border-color:rgb(156, 73, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 73, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 73, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 73, 231);  
box-shadow:4px 4px 4px 4px rgb(156, 73,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 115.8290, 56.7793, 35.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 73, 231) }
```

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

```
.background{ background-color: rgb(156, 73,  
231) }
```

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