

Converting Colors

YUV(100.5090, 35.2451,
35.5106)

Have a look what the booklet for
YUV(100.5090, 35.2451, 35.5106)
contains.

YUV(100.5090, 35.2451, 35.5106)	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(100.5090, 35.2451,
35.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	8D42AC
RGB	141, 66, 172
RGB Percent	55%, 26%, 67%
CMY	0.4471, 0.7412, 0.3255
CMYK	0.18, 0.62, 0.00, 0.33
HSL	282°, 45%, 47%
HSV	282°, 62%, 67%
XYZ	20.3791, 12.5377, 40.3756
YIQ	100.5090, 10.6740, 48.8660

Conversions

Conversions Part 2

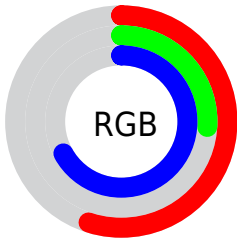
Format	Color
R_{YB}	141, 66, 172
Decimal	9257644
CIE _{Lab}	42.06, 49.01, -43.59
CIE _{LCh}	42, 65.589, 318.353
Yxy	12.5377, 0.2781, 0.1711
Android (android.graphics.Color)	4287447724 (0xFF8D42AC)
YUV	100.5090, 35.2451, 35.5106
Hunter-Lab	35.4086, 40.7690, -42.8210

Details

The YUV color **100.5090, 35.2451, 35.5106** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.4910, -35.2451, -35.5106**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1610, 36.4026, 37.5698**, and **44.2750, 36.8394, 37.4698** is the 20% darker color. If you saturate the color by 10%, you get **89.0350, 40.9017, 41.1883**, and if you desaturate by 10%, it is **111.9830, 29.5884, 29.8329**.

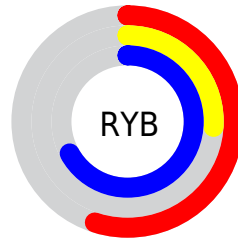
Distribution



Red (55%)

Green (26%)

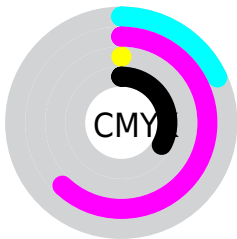
Blue (67%)



Red (55%)

Yellow (26%)

Blue (67%)

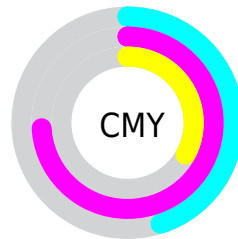


Cyan (18%)

Magenta (62%)

Yellow (0%)

Black (33%)



Cyan (45%)


Magenta (74%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.5090, 35.2451, 35.5106 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 100.5090, 35.2451, 35.5106 by changing the saturation by 10% instead.


 100.5090, 35.2451,
35.5106


 100.5090, 35.2451,
35.5106

255.0000, 0.0000,
0.0000


 74.0960, 34.9557,
34.9958


 154.1610, 36.4026,
37.5698


 44.2750, 36.8394,
37.4698


 181.7590, 36.1078,
38.7994

 28.9550, 32.0672,
28.1035


 206.2790, 24.0195,
42.7283

 19.0430, 25.1218,
15.7483

 222.7150, 15.9165,
28.3139

 5.2440, 20.0927,
-4.5990

 239.7380, 7.5242,
13.3848

 3.3230, 10.1938,
-2.9143

 0.0000, 0.0000,

0.0000

■ 100.5090, 35.2451,
35.5106

■ 100.5090, 35.2451,
35.5106

■ 89.0350, 40.9017,
41.1883

■ 111.9830, 29.5884,
29.8329

■ 77.5610, 46.5584,
46.8660

■ 123.4570, 23.9317,
24.1552

■ 65.5000, 52.5045,
53.0585

■ 135.5180, 17.9856,
17.9627

■ 56.0860, 57.1456,
57.8066

■ 146.9920, 12.3289,
12.2850

■ 158.4660, 6.6723,
6.6073

■ 169.9400, 1.0156,
0.9296

■ 181.4140, -4.6411,
-4.7481

■ 193.4750,
-10.5872, -10.9406

■ 204.9490,
-16.2439, -16.6183

Harmonies

Analogous

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



84.3000, 58.5191, -56.3911



100.5090, 35.2451, 35.5106



87.5230, 17.4902, 83.7333

Triad

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



100.5090, 35.2451, 35.5106



93.5050, -46.0980, 39.0221



86.6620, 22.3516, -76.0026

Complementary

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



100.5090, 35.2451, 35.5106



137.4910, -35.2451, -35.5106

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.



79.6910, -1.8197, -69.8890



100.5090, 35.2451, 35.5106



89.7190, -44.2315, 0.2464

Square

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



100.5090, 35.2451, 35.5106



90.6030, -37.7653, 73.1392



69.4600, -28.3278, -60.9164



90.9600, 43.8967, -79.7719

Rectangle

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



100.5090, 35.2451, 35.5106



80.8270, 3.0433, 97.4987



69.4600, -28.3278, -60.9164



84.4960, 14.0525, -74.1030

Sweetspot

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



100.5090, 35.2451, 35.5106



197.2310, 13.1971, 13.8294



96.8680, 37.0401, -27.0712



95.8190, 7.9772, 8.0517



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.



100.5090, 35.2451, 35.5106



112.2060, 55.1144, 55.9473



107.3840, 21.5027, 56.6682



80.8200, 3.0467, 2.7889



48.7940, 49.8946, 50.1697



7.4060, 7.6878, 7.5369

Inverse Universe

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



101.2280, -2.0844, 62.0670



113.2200, -3.0665, 97.1541



130.6160, -21.5027, -56.6682



81.0330, -0.0163, 5.2331



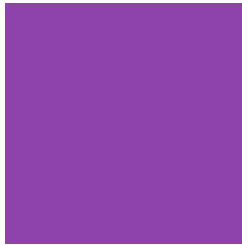
49.8660, -2.8919, 87.8175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 100.5090, 35.2451, 35.5106 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 100.5090, 35.2451, 35.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

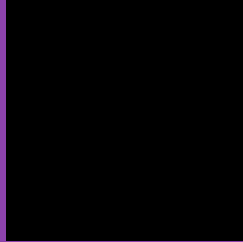
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.5090, 35.2451, 35.5106

Background



This preview shows how black text looks on a background with the YUV color 100.5090, 35.2451, 35.5106.



This preview shows how white text looks on a background with the YUV color 100.5090, 35.2451, 35.5106.

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

100.5090, 35.2451, 35.5106

Protanopia

85.4740, 57.9403, -57.4207

Deuteranopia

94.3680, 35.3146, -33.6487



Tritanopia

101.0570, -2.9861, 24.5060

Trichromacy



Original Color

100.5090, 35.2451, 35.5106

Protanomaly

90.9190, 49.8329, -23.6080

Deuteranomaly

96.8210, 35.0912, -8.6130

Tritanomaly

100.7490, 10.9697, 28.2841

Monochromacy



Original Color

100.5090, 35.2451, 35.5106

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8180, 12.9077, 13.3146

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5090, 35.2451, 35.5106 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(141, 66, 172)` looks like.

```
.text, #text, p{  
    color:rgb(141, 66, 172)  
}
```

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(141, 66, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 66, 172) }
```

Border

The CSS property to change the border of an element to YUV 100.5090, 35.2451, 35.5106 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(141, 66, 172) }
```


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

```
.border{ border-color:rgb(141, 66, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 66, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 66, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 66, 172);  
box-shadow:4px 4px 4px 4px rgb(141, 66,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 100.5090, 35.2451, 35.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 66, 172) }
```

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

```
.background{ background-color: rgb(141, 66,  
172) }
```

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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