

Converting Colors

YUV(91.8800, 12.3842, 41.3242)

Have a look what the booklet for
YUV(91.8800, 12.3842, 41.3242)
contains.

YUV(91.8800, 12.3842, 41.3242)	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(91.8800, 12.3842,
41.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3F75
RGB	139, 63, 117
RGB Percent	55%, 25%, 46%
CMY	0.4549, 0.7529, 0.5412
CMYK	0.00, 0.55, 0.16, 0.45
HSL	317°, 38%, 40%
HSV	317°, 55%, 55%
XYZ	15.6359, 10.3283, 17.9991
YIQ	91.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

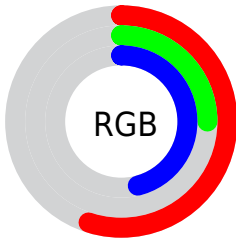
Format	Color
R _Y B	139, 63, 117
Decimal	9125749
CIE Lab	38.43, 39.37, -15.93
CIE LCh	38, 42.474, 337.976
Yxy	10.3283, 0.3557, 0.2349
Android (android.graphics.Color)	4287315829 (0xFF8B3F75)
YUV	91.8800, 12.3842, 41.3242
Hunter-Lab	32.1377, 30.6039, -10.7096

Details

The YUV color **91.8800, 12.3842, 41.3242** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.1200, -12.3842, -41.3242**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1900, 12.2313, 43.6834**, and **38.8630, 14.8575, 41.3391** is the 20% darker color. If you saturate the color by 10%, you get **83.2060, 14.6884, 48.9313**, and if you desaturate by 10%, it is **100.5540, 10.0799, 33.7171**.

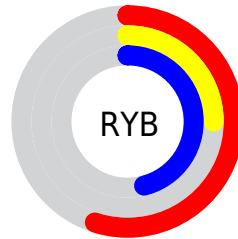
Distribution



Red (55%)

Green (25%)

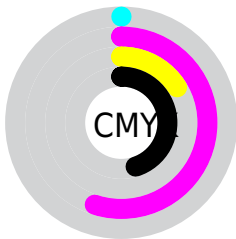
Blue (46%)



Red (55%)

Yellow (25%)

Blue (46%)

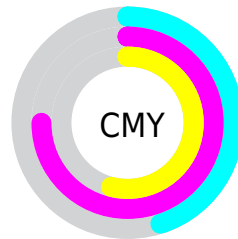


Cyan (0%)

Magenta (55%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8800, 12.3842, 41.3242 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 91.8800, 12.3842, 41.3242 by changing the saturation by 10% instead.

91.8800, 12.3842,
41.3242

91.8800, 12.3842,
41.3242

255.0000, 0.0000,
0.0000

66.2820, 12.6790,
40.0947

144.1900, 12.2313,
43.6834

38.8630, 14.8575,
41.3391

171.2010, 12.2259,
45.4277

23.4830, 11.1009,
32.9024

198.9130, 12.3679,
46.5573

14.9240, 5.4605,
21.9917

219.5520, 16.4899,
31.0879

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 91.8800, 12.3842,
41.3242

■ 91.8800, 12.3842,
41.3242

■ 83.2060, 14.6884,
48.9313

■ 100.5540, 10.0799,
33.7171

■ 74.5320, 16.9927,
56.5384

■ 109.2280, 7.7756,
26.1100

■ 65.8580, 19.2970,
64.1455

■ 117.9020, 5.4713,
18.5029

■ 57.1840, 21.6013,
71.7526

■ 126.5760, 3.1670,
10.8958

■ 52.8470, 22.7534,
75.5562

■ 135.2500, 0.8628,
3.2887

■ 143.3370, -1.1521,
-3.8035

■ 152.0110, -3.4564,
-11.4106

■ 160.6850, -5.7607,
-19.0177

■ 169.3590, -8.0650,
-26.6248

Harmonies

Analogous

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



92.8250, 25.7223, 9.8005



91.8800, 12.3842, 41.3242



88.6680, -2.7943, 56.4192

Triad

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



91.8800, 12.3842, 41.3242



85.3860, -35.6863, 12.8165



77.2700, 26.9819, -67.7658

Complementary

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



91.8800, 12.3842, 41.3242



110.1200, -12.3842, -41.3242

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.



74.0950, 12.2782, -64.9813



91.8800, 12.3842, 41.3242



81.1850, -24.2482, -15.9482

Square

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



91.8800, 12.3842, 41.3242



87.2670, -31.6836, 35.7228



68.8170, -2.8678, -60.3525



76.8430, 38.0384, -67.3913

Rectangle

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



91.8800, 12.3842, 41.3242



88.3830, -13.9928, 54.9151



68.8170, -2.8678, -60.3525



76.7170, 22.3245, -67.2808

Sweetspot

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



91.8800, 12.3842, 41.3242



163.0650, 4.8980, 15.7290



78.2420, 29.9537, 5.9268



80.8640, 3.0250, 9.7663



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



91.8800, 12.3842, 41.3242



107.1570, 19.1496, 64.7603



87.5480, -4.2142, 45.1234



64.6630, 1.1521, 3.8035



50.4830, 21.4539, 72.3674



1.9510, 1.0102, 2.6740

Inverse Universe

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



91.8800, 12.3842, 41.3242



107.1570, 19.1496, 64.7603



114.4520, 4.2142, -45.1234



64.6630, 1.1521, 3.8035



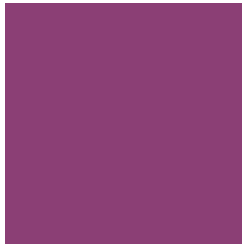
50.4830, 21.4539, 72.3674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 91.8800, 12.3842, 41.3242 looks on a white background.

Color Contrast Check

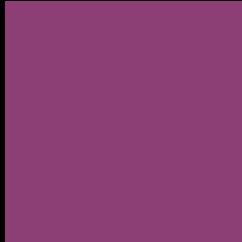
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.8800, 12.3842, 41.3242 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 91.8800, 12.3842, 41.3242

Background



This preview shows how black text looks on a background with the YUV color 91.8800, 12.3842, 41.3242.



This preview shows how white text looks on a background with the YUV color 91.8800, 12.3842,

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

91.8800, 12.3842, 41.3242

Protanopia

90.8730, 22.7406, -13.9206

Deuteranopia

91.7360, 10.4832, -2.3995



Tritanopia

91.4070, -7.1027, 38.2311

Trichromacy



Original Color

91.8800, 12.3842, 41.3242

Protanomaly

91.0820, 19.1866, 6.0671

Deuteranomaly

91.9490, 10.8711, 13.1997

Tritanomaly

91.6550, 0.1701, 38.8906

Monochromacy



Original Color

91.8800, 12.3842, 41.3242

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.6520, 4.6086, 15.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8800, 12.3842, 41.3242 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(139, 63, 117)` looks like.

```
.text, #text, p{  
  color:rgb(139, 63, 117)  
}
```

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(139, 63, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 63, 117) }
```

Border

The CSS property to change the border of an element to YUV 91.8800, 12.3842, 41.3242 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(139, 63, 117) }
```


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

```
.border{ border-color:rgb(139, 63, 117) }
```

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

Here you see how a box with a 4 pixel rgb(139, 63, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 63, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 63, 117);  
box-shadow:4px 4px 4px 4px rgb(139, 63,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 91.8800, 12.3842, 41.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 63, 117) }
```

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

```
.background{ background-color: rgb(139, 63,  
117) }
```

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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