

Converting Colors

YUV(115.6340, 12.0124,
20.4920)

Have a look what the booklet for
YUV(115.6340, 12.0124, 20.4920)
contains.

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Color

**YUV(115.6340, 12.0124,
20.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	8B638C
RGB	139, 99, 140
RGB Percent	55%, 39%, 55%
CMY	0.4549, 0.6118, 0.4510
CMYK	0.01, 0.29, 0.00, 0.45
HSL	299°, 17%, 47%
HSV	299°, 29%, 55%
XYZ	19.8429, 16.3061, 26.9125
YIQ	115.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

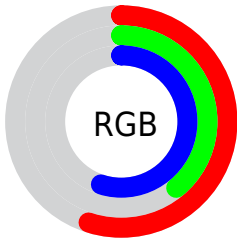
Format	Color
R_{YB}	139, 99, 140
Decimal	9134988
CIE _{Lab}	47.37, 23.45, -16.25
CIE _{LCh}	47, 28.532, 325.283
Yxy	16.3061, 0.3147, 0.2586
Android (android.graphics.Color)	4287325068 (0xFF8B638C)
YUV	115.6340, 12.0124, 20.4920
Hunter-Lab	40.3808, 17.0476, -11.2483

Details

The YUV color **115.6340, 12.0124, 20.4920** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3660, -12.0124, -20.4920**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8730, 12.8806, 22.0364**, and **66.5090, 11.5811, 18.8476** is the 20% darker color. If you saturate the color by 10%, you get **107.4160, 16.0639, 27.6992**, and if you desaturate by 10%, it is **123.8520, 7.9610, 13.2848**.

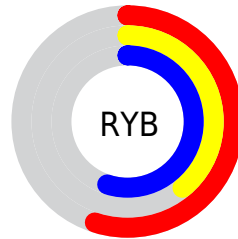
Distribution



Red (55%)

Green (39%)

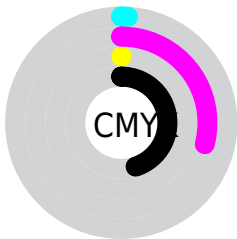
Blue (55%)



Red (55%)

Yellow (39%)

Blue (55%)

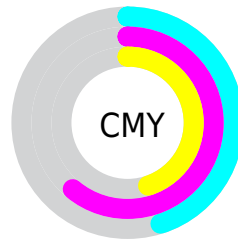


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6340, 12.0124, 20.4920 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 115.6340, 12.0124, 20.4920 by changing the saturation by 10% instead.

■ 115.6340, 12.0124,
20.4920

■ 115.6340, 12.0124,
20.4920

■ 255.0000, 0.0000,
0.0000

■ 90.8080, 11.4337,
19.4624

■ 167.8730, 12.8806,
22.0364

■ 66.5090, 11.5811,
18.8476

■ 195.2860, 13.1700,
22.5512

■ 43.6830, 11.0023,
17.8180

■ 223.5850, 13.0226,
23.1660

■ 21.3840, 11.1497,
17.2032

■ 242.0860, 6.3666,
11.3256

■ 7.7050, 7.5404,
8.1517

■ 0.0000, 0.0000,
0.0000

■ 115.6340, 12.0124,
20.4920

■ 115.6340, 12.0124,
20.4920

■ 107.4160, 16.0639,
27.6992

■ 123.8520, 7.9610,
13.2848

■ 98.8990, 20.2628,
34.2916

■ 132.3690, 3.7621,
6.6924

■ 90.6810, 24.3143,
41.4988

■ 140.5870, -0.2894,
-0.5148

■ 82.4630, 28.3657,
48.7059

■ 148.8050, -4.3409,
-7.7220

■ 73.9460, 32.5646,
55.2984

■ 157.3220, -8.5397,
-14.3144

■ 65.7280, 36.6161,
62.5055

■ 165.5400,
-12.5912, -21.5216

■ 57.5100, 40.6676,
69.7127


■ 173.7580,
-16.6427, -28.7288

■ 56.9230, 40.9570,

■ 182.2750,

70.2275

-20.8416, -35.3212

 190.4930,
-24.8930, -42.5284

Harmonies

Analogous

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



114.0700, 20.6715, -3.5694



115.6340, 12.0124, 20.4920



115.1600, 0.9071, 35.8167

Triad

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



115.6340, 12.0124, 20.4920



111.0350, -23.1883, 17.5093



89.0210, 21.1886, -76.3174

Complementary

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



115.6340, 12.0124, 20.4920



123.3660, -12.0124, -20.4920

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.



99.4410, 4.2196, -46.8678



115.6340, 12.0124, 20.4920



108.4240, -19.9290, -1.2488

Square

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



115.6340, 12.0124, 20.4920



112.5730, -19.0165, 32.8235



104.8110, -10.2598, -22.6362



95.7050, 27.2604, -63.7623

Rectangle

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



115.6340, 12.0124, 20.4920



114.2330, -6.5239, 39.2607



104.8110, -10.2598, -22.6362



93.1920, 15.1883, -65.0664

Sweetspot

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



115.6340, 12.0124, 20.4920



171.6080, 4.6303, 8.2368



104.2610, 17.6193, -4.6139



86.1300, 2.8939, 5.1480



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.



115.6340, 12.0124, 20.4920



143.7200, 18.3790, 31.8176



113.7670, 3.5659, 23.0063



64.8910, 2.0257, 3.6036



53.7330, 39.0786, 66.0092



2.0650, 1.4470, 2.5740

Inverse Universe

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



111.3730, -5.6069, 25.1059



136.9510, -8.8498, 38.6310



125.2330, -3.5659, -23.0063



64.0930, -1.0318, 4.3034



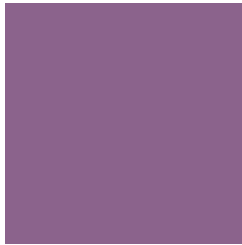
40.1090, -18.2947, 81.4654



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 115.6340, 12.0124, 20.4920 looks on a white background.

Color Contrast Check

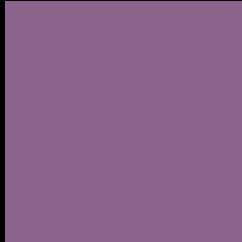
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.6340, 12.0124, 20.4920 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 115.6340, 12.0124, 20.4920 Background



This preview shows how black text looks on a background with the YUV color 115.6340, 12.0124, 20.4920.



This preview shows how white text looks on a background with the YUV color 115.6340, 12.0124,

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

115.6340, 12.0124, 20.4920

Protanopia

112.6410, 17.9250, -9.3322

Deuteranopia

113.4910, 12.0829, -2.1846



Tritanopia

114.1810, -1.0752, 18.2583

Trichromacy



Original Color

115.6340, 12.0124, 20.4920

Protanomaly

113.8380, 15.8559, 1.0191

Deuteranomaly

114.2470, 12.2032, 5.9224

Tritanomaly

114.4460, 3.7241, 18.9029

Monochromacy



Original Color

115.6340, 12.0124, 20.4920

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6340, 12.0124, 20.4920 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, 99, 140)` looks like.

```
.text, #text, p{  
  color:rgb(139, 99, 140)  
}
```

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, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 99, 140) }
```

Border

The CSS property to change the border of an element to YUV 115.6340, 12.0124, 20.4920 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, 99, 140) }
```


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

```
.border{ border-color:rgb(139, 99, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 99, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 99,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 115.6340, 12.0124, 20.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 99, 140) }
```

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

```
.background{ background-color: rgb(139, 99,  
140) }
```

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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