

Converting Colors

YUV(111.3560, 20.5305,
41.7838)

Have a look what the booklet for
YUV(111.3560, 20.5305, 41.7838)
contains.

YUV(111.3560, 20.5305, 41.7838)	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(111.3560, 20.5305,
41.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4F99
RGB	159, 79, 153
RGB Percent	62%, 31%, 60%
CMY	0.3765, 0.6902, 0.4000
CMYK	0.00, 0.50, 0.04, 0.38
HSL	304°, 34%, 47%
HSV	304°, 50%, 62%
XYZ	22.8438, 15.2628, 31.8790
YIQ	111.3560, 23.9260, 39.9740

Conversions

Conversions Part 2

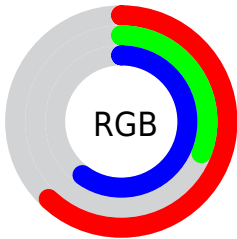
Format	Color
R_{YB}	159, 79, 153
Decimal	10440601
CIE _{Lab}	45.99, 43.66, -25.92
CIE _{LCh}	46, 50.778, 329.304
Yxy	15.2628, 0.3264, 0.2181
Android (android.graphics.Color)	4288630681 (0xFF9F4F99)
YUV	111.3560, 20.5305, 41.7838
Hunter-Lab	39.0676, 36.0051, -21.0330

Details

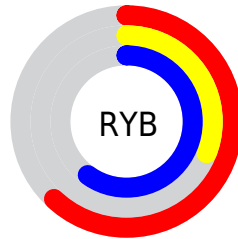
The YUV color **111.3560, 20.5305, 41.7838** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.6440, -20.5305, -41.7838**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8940, 21.2513, 43.9430**, and **58.8720, 21.2621, 40.4543** is the 20% darker color. If you saturate the color by 10%, you get **101.8500, 24.7240, 50.1206**, and if you desaturate by 10%, it is **120.8620, 16.3370, 33.4470**.

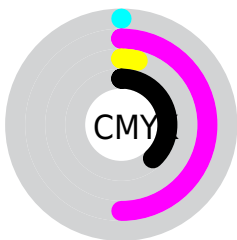
Distribution



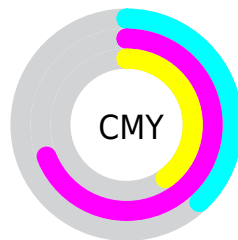
- Red (62%)
- Green (31%)
- Blue (60%)



- Red (62%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3560, 20.5305, 41.7838 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 111.3560, 20.5305, 41.7838 by changing the saturation by 10% instead.

111.3560, 20.5305,
41.7838

111.3560, 20.5305,
41.7838

255.0000, 0.0000,
0.0000

85.0570, 20.6779,
41.1690

164.8940, 21.2513,
43.9430

58.8720, 21.2621,
40.4543

192.6060, 21.3932,
45.0725

32.3990, 21.9883,
40.8691

214.4970, 19.9680,
35.5211

22.6010, 15.4797,
28.4139

230.9330, 11.8650,
21.1068

13.0310, 9.8447,
15.7588

247.9560, 3.4727,
6.1776

0.4560, 1.7472,
-0.3999

0.0000, 0.0000,

0.0000

■ 111.3560, 20.5305,
41.7838

■ 111.3560, 20.5305,
41.7838

■ 101.8500, 24.7240,
50.1206

■ 120.8620, 16.3370,
33.4470

■ 92.3440, 28.9174,
58.4573

■ 130.3680, 12.1436,
25.1103

■ 82.7240, 32.6741,
66.8941

■ 139.9880, 8.3869,
16.6735

■ 73.2180, 36.8675,
75.2308

■ 149.4940, 4.1935,
8.3368

■ 64.2990, 40.7716,
83.0528

■ 159.0000, 0.0000,
0.0000

■ 167.9190, -3.9041,
-7.8220

■ 177.4250, -8.0975,
-16.1587

■ 187.0450,
-11.8542, -24.5955

■ 196.5510,
-16.0476, -32.9322

Harmonies

Analogous

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



110.0820, 35.9486, -3.5799



111.3560, 20.5305, 41.7838



106.8140, 2.5567, 66.8151

Triad

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



111.3560, 20.5305, 41.7838



102.8900, -46.7808, 24.6525



92.1220, 28.0409, -80.7910

Complementary

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



111.3560, 20.5305, 41.7838



126.6440, -20.5305, -41.7838

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.



87.9210, 9.4059, -77.1067



111.3560, 20.5305, 41.7838



98.8410, -35.9106, -8.6306

Square

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



111.3560, 20.5305, 41.7838



105.7420, -35.3688, 51.0923



85.6290, -11.1561, -61.9416



93.5360, 43.6128, -82.0311

Rectangle

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



111.3560, 20.5305, 41.7838



105.2800, -10.9840, 69.9144



85.6290, -11.1561, -61.9416



91.2270, 22.0731, -80.0061

Sweetspot

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



111.3560, 20.5305, 41.7838



188.4610, 7.6607, 16.2587



89.6150, 34.2068, -4.9244



93.6190, 4.6248, 9.9811



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



111.3560, 20.5305, 41.7838



133.0720, 31.5165, 64.8349



106.9100, 3.4954, 45.6829



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Inverse Universe

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



111.3560, 20.5305, 41.7838



133.0720, 31.5165, 64.8349



131.0900, -3.4954, -45.6829



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 111.3560, 20.5305, 41.7838 looks on a white background.

Color Contrast Check

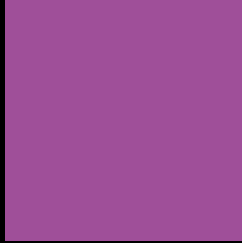
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3560, 20.5305, 41.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

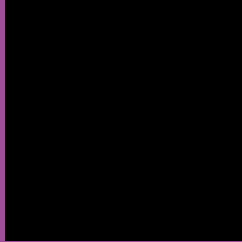
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3560, 20.5305, 41.7838

Background



This preview shows how black text looks on a background with the YUV color 111.3560, 20.5305, 41.7838.



This preview shows how white text looks on a background with the YUV color 111.3560, 20.5305, 41.7838.

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

111.3560, 20.5305, 41.7838

Protanopia

107.6900, 33.6768, -21.6531

Deuteranopia

109.5700, 18.9460, -10.1469



Tritanopia

111.0370, -5.9342, 36.8016

Trichromacy



Original Color

111.3560, 20.5305, 41.7838

Protanomaly

109.2800, 28.9490, 1.5084

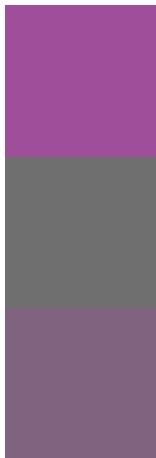
Deuteranomaly

109.9190, 19.7599, 8.8410

Tritanomaly

110.9800, 3.9539, 38.6055

Monochromacy



Original Color

111.3560, 20.5305, 41.7838

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7490, 7.5187, 15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3560, 20.5305, 41.7838 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(159, 79, 153)` looks like.

```
.text, #text, p{  
    color:rgb(159, 79, 153)  
}
```

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(159, 79, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 79, 153) }
```

Border

The CSS property to change the border of an element to YUV 111.3560, 20.5305, 41.7838 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(159, 79, 153) }
```


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

```
.border{ border-color:rgb(159, 79, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 79, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 79, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 79, 153); box-shadow:4px 4px 4px 4px rgb(159, 79, 153) }
```

Background

The CSS property to change the background color of an element to YUV 111.3560, 20.5305, 41.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 79, 153) }
```

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

```
.background{ background-color: rgb(159, 79,  
153) }
```

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