

Converting Colors

YUV(120.3560, 20.5305,
41.7838)

Have a look what the booklet for
YUV(120.3560, 20.5305, 41.7838)
contains.

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Color

**YUV(120.3560, 20.5305,
41.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	A858A2
RGB	168, 88, 162
RGB Percent	66%, 35%, 64%
CMY	0.3412, 0.6549, 0.3647
CMYK	0.00, 0.48, 0.04, 0.34
HSL	304°, 31%, 50%
HSV	304°, 48%, 66%
XYZ	26.1598, 17.9129, 36.2612
YIQ	120.3560, 23.9260, 39.9740

Conversions

Conversions Part 2

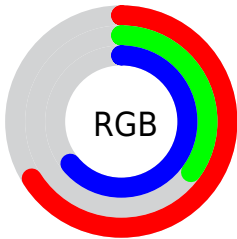
Format	Color
R_{YB}	168, 88, 162
Decimal	11032738
CIE _{Lab}	49.39, 43.38, -25.89
CIE _{LCh}	49, 50.521, 329.174
Yxy	17.9129, 0.3256, 0.2230
Android (android.graphics.Color)	4289222818 (0xFFA858A2)
YUV	120.3560, 20.5305, 41.7838
Hunter-Lab	42.3236, 36.2624, -21.1707

Details

The YUV color **120.3560, 20.5305, 41.7838** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.6440, -20.5305, -41.7838**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7800, 20.8145, 44.0429**, and **68.3450, 20.5359, 40.0394** is the 20% darker color. If you saturate the color by 10%, you get **110.2630, 25.0133, 50.6353**, and if you desaturate by 10%, it is **130.4490, 16.0476, 32.9322**.

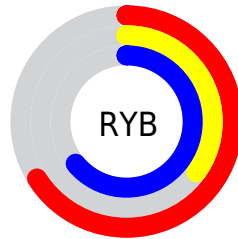
Distribution



Red (66%)

Green (35%)

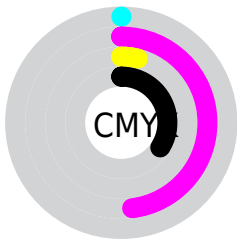
Blue (64%)



Red (66%)

Yellow (35%)

Blue (64%)

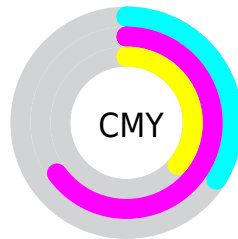


Cyan (0%)

Magenta (48%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3560, 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 120.3560, 20.5305, 41.7838 by changing the saturation by 10% instead.

120.3560, 20.5305,
41.7838

120.3560, 20.5305,
41.7838

255.0000, 0.0000,
0.0000

94.0570, 20.6779,
41.1690

174.7800, 20.8145,
44.0429

68.3450, 20.5359,
40.0394

202.6060, 21.3932,
45.0725

38.9370, 22.7091,
43.0283

220.3670, 17.0741,
30.3731

25.6060, 17.9422,
31.9175

236.8030, 8.9711,
15.9588

17.1180, 11.2808,
21.8215

253.8260, 0.5788,
1.0296

2.5250, 7.1362,
-2.2144

0.0000, 0.0000,

0.0000

■ 120.3560, 20.5305,
41.7838

■ 120.3560, 20.5305,
41.7838

■ 110.2630, 25.0133,
50.6353

■ 130.4490, 16.0476,
32.9322

■ 100.0560, 29.0594,
59.5869

■ 140.6560, 12.0016,
23.9807

■ 90.5500, 33.2529,
67.9237

■ 150.1620, 7.8081,
15.6439

■ 80.4570, 37.7357,
76.7752

■ 160.2550, 3.3253,
6.7924

■ 70.3640, 42.2185,
85.6268

■ 170.3480, -1.1576,
-2.0592

■ 67.9020, 42.9393,
87.7859

■ 180.5550, -5.2036,
-11.0107

■ 190.6480, -9.6865,
-19.8623

■ 200.1540,
-13.8799, -28.1991

■ 210.2470,
-18.3628, -37.0506

Harmonies

Analogous

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



119.1960, 36.3854, -3.6799



120.3560, 20.5305, 41.7838



116.5860, 1.6831, 67.0151

Triad

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



120.3560, 20.5305, 41.7838



112.0580, -44.8916, 25.3821



98.4310, 29.3675, -86.3240

Complementary

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



120.3560, 20.5305, 41.7838



135.6440, -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.



94.1160, 10.2958, -82.5397



120.3560, 20.5305, 41.7838



107.8410, -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.



120.3560, 20.5305, 41.7838



114.1550, -35.0794, 51.6071



96.3200, -12.4828, -56.4086



99.8450, 44.9394, -87.5641

Rectangle

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



120.3560, 20.5305, 41.7838



115.1660, -11.4208, 70.0144



96.3200, -12.4828, -56.4086



97.4220, 22.9630, -85.4391

Sweetspot

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



120.3560, 20.5305, 41.7838



201.1620, 7.8081, 15.6439



98.6150, 34.2068, -4.9244



98.6190, 4.6248, 9.9811



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.3560, 20.5305, 41.7838



144.5990, 32.2427, 65.2497



115.9100, 3.4954, 45.6829



79.3040, 2.3151, 4.1184



59.8700, 38.0251, 77.2900



8.1460, 5.3510, 10.3960

Inverse Universe

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



120.3560, 20.5305, 41.7838



144.5990, 32.2427, 65.2497



140.0900, -3.4954, -45.6829



79.3040, 2.3151, 4.1184



59.8700, 38.0251, 77.2900



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 120.3560, 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 120.3560, 20.5305, 41.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

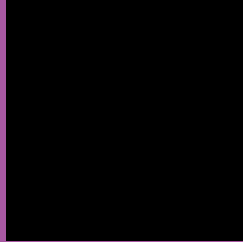
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3560, 20.5305, 41.7838

Background



This preview shows how black text looks on a background with the YUV color 120.3560, 20.5305, 41.7838.



This preview shows how white text looks on a background with the YUV color 120.3560, 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

120.3560, 20.5305, 41.7838

Protanopia

116.5760, 33.2400, -21.5532

Deuteranopia

118.2820, 19.0880, -9.0173



Tritanopia

119.1510, -5.4974, 36.7016

Trichromacy



Original Color

120.3560, 20.5305, 41.7838

Protanomaly

118.1660, 28.5122, 1.6084

Deuteranomaly

119.2180, 19.6125, 9.4558

Tritanomaly

119.9800, 3.9539, 38.6055

Monochromacy



Original Color

120.3560, 20.5305, 41.7838

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7490, 7.5187, 15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3560, 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(168, 88, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 88, 162)  
}
```

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(168, 88, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 88, 162) }
```

Border

The CSS property to change the border of an element to YUV 120.3560, 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(168, 88, 162) }
```


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

```
.border{ border-color:rgb(168, 88, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 88, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 88, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 88, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 88,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 120.3560, 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(168, 88, 162) }
```

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

```
.background{ background-color: rgb(168, 88,  
162) }
```

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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