

Converting Colors

YUV(120.0570, 20.6779,
41.1690)

Have a look what the booklet for
YUV(120.0570, 20.6779, 41.1690)
contains.

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Color

**YUV(120.0570, 20.6779,
41.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	A758A2
RGB	167, 88, 162
RGB Percent	65%, 35%, 64%
CMY	0.3451, 0.6549, 0.3647
CMYK	0.00, 0.47, 0.03, 0.35
HSL	304°, 31%, 50%
HSV	304°, 47%, 65%
XYZ	25.9477, 17.8036, 36.2513
YIQ	120.0570, 23.3300, 39.7620

Conversions

Conversions Part 2

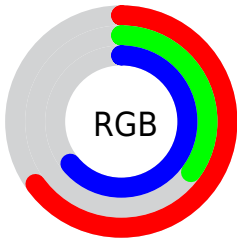
Format	Color
RYB	167, 88, 162
Decimal	10967202
CIELab	49.26, 43.08, -26.11
CIElCh	49, 50.370, 328.783
Yxy	17.8036, 0.3243, 0.2225
Android (android.graphics.Color)	4289157282 (0xFFA758A2)
YUV	120.0570, 20.6779, 41.1690
Hunter-Lab	42.1943, 35.9298, -21.4031

Details

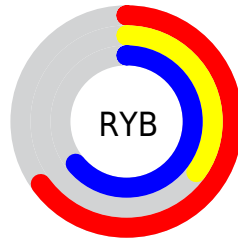
The YUV color **120.0570, 20.6779, 41.1690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.9430, -20.6779, -41.1690**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8940, 21.2513, 43.9430**, and **68.0460, 20.6833, 39.4247** is the 20% darker color. If you saturate the color by 10%, you get **109.9640, 25.1607, 50.0206**, and if you desaturate by 10%, it is **130.1500, 16.1950, 32.3174**.

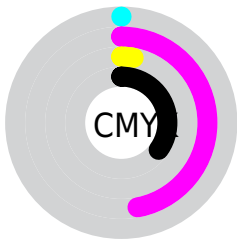
Distribution



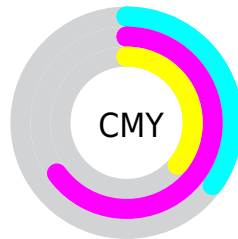
- Red (65%)
- Green (35%)
- Blue (64%)



- Red (65%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (3%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0570, 20.6779, 41.1690 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 120.0570, 20.6779, 41.1690 by changing the saturation by 10% instead.

120.0570, 20.6779,
41.1690

120.0570, 20.6779,
41.1690

255.0000, 0.0000,
0.0000

94.3450, 20.5359,
40.0394

173.8940, 21.2513,
43.9430

68.0460, 20.6833,
39.4247

202.3070, 21.5406,
44.4578

39.2250, 22.5671,
41.8987

219.7800, 17.3635,
30.8879

25.6060, 17.9422,
31.9175

236.8030, 8.9711,
15.9588

16.8190, 11.4282,
21.2067

253.8260, 0.5788,
1.0296

2.5250, 7.1362,
-2.2144

0.0000, 0.0000,

0.0000

■ 120.0570, 20.6779,
41.1690

■ 120.0570, 20.6779,
41.1690

■ 109.9640, 25.1607,
50.0206

■ 130.1500, 16.1950,
32.3174

■ 100.4580, 29.3542,
58.3573

■ 139.6560, 12.0016,
23.9807

■ 90.3650, 33.8371,
67.2089

■ 149.7490, 7.5187,
15.1291

■ 80.2720, 38.3199,
76.0605

■ 159.8420, 3.0359,
6.2776

■ 70.7660, 42.5134,
84.3972

■ 169.3480, -1.1576,
-2.0592

■ 67.7170, 43.5235,
87.0712

■ 179.4410, -5.6404,
-10.9108

■ 189.5340,
-10.1233, -19.7623

■ 199.6270,
-14.6061, -28.6139

■ 209.2470,
-18.3628, -37.0506

Harmonies

Analogous

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



118.1960, 36.3854, -3.6799



120.0570, 20.6779, 41.1690



116.4010, 2.2673, 66.3003

Triad

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



120.0570, 20.6779, 41.1690



111.4710, -44.6022, 25.8969



98.3170, 28.9307, -86.2240

Complementary

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



120.0570, 20.6779, 41.1690



134.9430, -20.6779, -41.1690

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.



93.4150, 10.1484, -81.9250



120.0570, 20.6779, 41.1690



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.



120.0570, 20.6779, 41.1690



114.1550, -35.0794, 51.6071



96.6190, -12.6302, -55.7939



99.7310, 44.5026, -87.4641

Rectangle

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



120.0570, 20.6779, 41.1690



114.5790, -11.1314, 70.5292



96.6190, -12.6302, -55.7939



96.7210, 22.8155, -84.8243

Sweetspot

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



120.0570, 20.6779, 41.1690



198.5750, 8.0975, 16.1587



98.2020, 33.9174, -5.4392



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.



120.0570, 20.6779, 41.1690



143.3000, 32.3901, 64.6349



115.7250, 4.0796, 44.9682



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Inverse Universe

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



120.0570, 20.6779, 41.1690



143.3000, 32.3901, 64.6349



139.2750, -4.0796, -44.9682



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 120.0570, 20.6779, 41.1690 looks on a white background.

Color Contrast Check

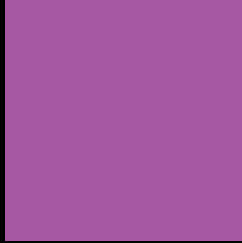
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0570, 20.6779, 41.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

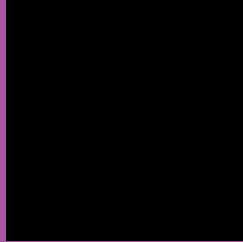
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.0570, 20.6779, 41.1690

Background



This preview shows how black text looks on a background with the YUV color 120.0570, 20.6779, 41.1690.



This preview shows how white text looks on a background with the YUV color 120.0570, 20.6779, 41.1690.

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

120.0570, 20.6779, 41.1690

Protanopia

115.9890, 33.5294, -21.0384

Deuteranopia

117.9830, 19.2354, -9.6321



Tritanopia

118.8520, -5.3500, 36.0868

Trichromacy



Original Color

120.0570, 20.6779, 41.1690

Protanomaly

117.2800, 28.9490, 1.5084

Deuteranomaly

118.9190, 19.7599, 8.8410

Tritanomaly

119.6810, 4.1013, 37.9908

Monochromacy



Original Color

120.0570, 20.6779, 41.1690

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 120.0570, 20.6779, 41.1690 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(167, 88, 162)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 88, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 162) }
```

Border

The CSS property to change the border of an element to YUV 120.0570, 20.6779, 41.1690 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(167, 88, 162) }
```


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

```
.border{ border-color:rgb(167, 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(167, 88, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 162);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 120.0570, 20.6779, 41.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 88, 162) }
```

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

```
.background{ background-color: rgb(167, 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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