

Converting Colors

YUV(120.8170, 1.0762, 28.2245)

Have a look what the booklet for
YUV(120.8170, 1.0762, 28.2245)
contains.

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Color

**YUV(120.8170, 1.0762,
28.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	99687B
RGB	153, 104, 123
RGB Percent	60%, 41%, 48%
CMY	0.4000, 0.5922, 0.5176
CMYK	0.00, 0.32, 0.20, 0.40
HSL	337°, 19%, 50%
HSV	337°, 32%, 60%
XYZ	21.6623, 18.1030, 21.0914
YIQ	120.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

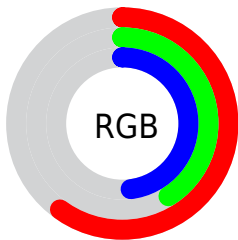
Format	Color
R_{YB}	153, 104, 123
Decimal	10053755
CIE _{Lab}	49.62, 22.57, -2.58
CIE _{LCh}	50, 22.715, 353.474
Yxy	18.1030, 0.3560, 0.2975
Android (android.graphics.Color)	4288243835 (0xFF99687B)
YUV	120.8170, 1.0762, 28.2245
Hunter-Lab	42.5476, 16.4217, 0.3925

Details

The YUV color $[120.8170, 1.0762, 28.2245]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[136.1830, -1.0762, -28.2245]$, and the grayscale version is $[121.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[173.7140, 0.6340, 30.0688]$, and $[71.5070, 1.2290, 25.8654]$ is the 20% darker color. If you saturate the color by 10%, you get $[110.9860, 1.4859, 36.8463]$, and if you desaturate by 10%, it is $[130.6480, 0.6665, 19.6027]$.

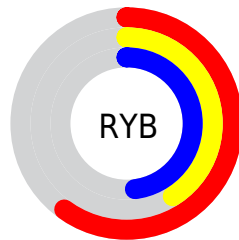
Distribution



Red (60%)

Green (41%)

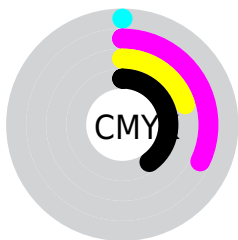
Blue (48%)



Red (60%)

Yellow (41%)

Blue (48%)

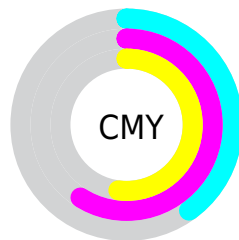


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.8170, 1.0762, 28.2245 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 120.8170, 1.0762, 28.2245 by changing the saturation by 10% instead.

 120.8170, 1.0762,
28.2245


 120.8170, 1.0762,
28.2245


255.0000, 0.0000,
0.0000

 96.1050, 0.9342,
27.0949

 173.7140, 0.6340,
30.0688


 71.5070, 1.2290,
25.8654


 201.4260, 0.7760,
31.1984

 48.0230, 1.9607,
24.5358

 225.8490, 2.5394,
25.5654

 25.5390, 2.6923,
23.2063

 245.6080, 4.6303,
8.2368

 10.8500, -2.3910,
20.3026

 0.0000, 0.0000,
0.0000

120.8170, 1.0762,
28.2245

120.8170, 1.0762,
28.2245

110.9860, 1.4859,
36.8463

130.6480, 0.6665,
19.6027

100.4540, 1.7482,
46.0828

141.1800, 0.4043,
10.3661

90.6230, 2.1579,
54.7046

151.0110, -0.0054,
1.7444

80.7920, 2.5675,
63.3264

160.8420, -0.4151,
-6.8774

70.8470, 2.5404,
72.0482

171.3740, -0.6774,
-16.1140

60.4290, 3.2395,
81.1848

181.2050, -1.0871,
-24.7358

52.4730, 3.2178,
88.1622

191.1500, -1.0599,
-33.4575

200.9810, -1.4696,

-42.0793

■ 211.3990, -2.1687,
-51.2159

Harmonies

Analogous

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



121.0310, 9.8447, 15.7588



120.8170, 1.0762, 28.2245



119.8470, -7.8126, 32.5832

Triad

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



120.8170, 1.0762, 28.2245



115.0590, -16.2981, 0.8253



109.6710, 18.8962, -40.9305

Complementary

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



120.8170, 1.0762, 28.2245



136.1830, -1.0762, -28.2245

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.



107.3410, 12.6499, -44.1491



120.8170, 1.0762, 28.2245



112.7840, -9.2605, -16.4736

Square

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



120.8170, 1.0762, 28.2245



117.2890, -18.3835, 16.4095



109.5460, 1.7028, -32.9278



114.8240, 20.2998, -24.4016

Rectangle

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



120.8170, 1.0762, 28.2245



119.0440, -13.3327, 29.7794



109.5460, 1.7028, -32.9278



108.3070, 17.5966, -44.1192

Sweetspot

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



120.8170, 1.0762, 28.2245



185.8920, 0.5462, 11.4957



118.2570, 17.1283, 12.9296



91.7450, 0.1257, 6.3626



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.8170, 1.0762, 28.2245



149.1440, 1.9010, 43.7237



121.5860, -8.6699, 27.5501



71.7340, 0.1311, 4.6183



48.0160, 2.9501, 80.6700



4.4570, 0.2677, 7.4922

Inverse Universe

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



120.8170, 1.0762, 28.2245



149.1440, 1.9010, 43.7237



135.4140, 8.6699, -27.5501



71.7340, 0.1311, 4.6183



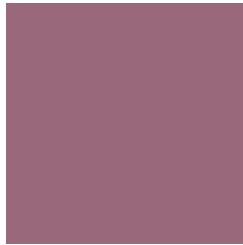
48.0160, 2.9501, 80.6700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 120.8170, 1.0762, 28.2245 looks on a white background.

Color Contrast Check

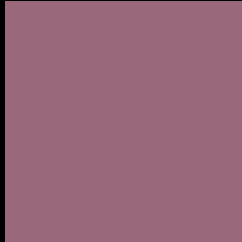
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8170, 1.0762, 28.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

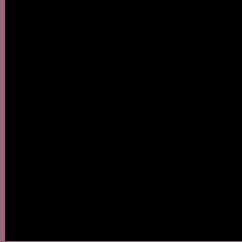
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8170, 1.0762, 28.2245

Background



This preview shows how black text looks on a background with the YUV color 120.8170, 1.0762, 28.2245.



This preview shows how white text looks on a background with the YUV color 120.8170, 1.0762,

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

120.8170, 1.0762, 28.2245

Protanopia

118.5960, 6.1152, -1.3997

Deuteranopia

119.5710, 0.7045, 7.3922



Tritanopia

120.6660, -3.2863, 27.4799

Trichromacy



Original Color

120.8170, 1.0762, 28.2245

Protanomaly

119.2060, 4.3354, 9.4663

Deuteranomaly

120.0280, 0.9722, 14.8844

Tritanomaly

120.4210, -1.6866, 27.6948

Monochromacy



Original Color

120.8170, 1.0762, 28.2245

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8170, 1.0762, 28.2245 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(153, 104, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 123)  
}
```

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(153, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 123) }
```

Border

The CSS property to change the border of an element to YUV 120.8170, 1.0762, 28.2245 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(153, 104, 123) }
```


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

```
.border{ border-color:rgb(153, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 104, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 104, 123); box-shadow:4px 4px 4px 4px rgb(153, 104, 123) }
```

Background

The CSS property to change the background color of an element to YUV 120.8170, 1.0762, 28.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 123) }
```

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

```
.background{ background-color: rgb(153,  
104, 123) }
```

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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