

Converting Colors

YUV(120.6920, 13.9558, 3.7781)

Have a look what the booklet for
YUV(120.6920, 13.9558, 3.7781)
contains.

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Color

**YUV(120.6920, 13.9558,
3.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7195
RGB	125, 113, 149
RGB Percent	49%, 44%, 58%
CMY	0.5098, 0.5569, 0.4157
CMYK	0.16, 0.24, 0.00, 0.42
HSL	260°, 15%, 51%
HSV	260°, 24%, 58%
XYZ	19.7874, 18.3402, 30.9309
YIQ	120.6920, -4.4040, 13.7400

Conversions

Conversions Part 2

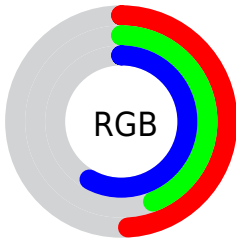
Format	Color
R _Y B	125, 113, 149
Decimal	8221077
CIE Lab	49.91, 12.26, -17.84
CIE LCh	50, 21.649, 304.492
Yxy	18.3402, 0.2865, 0.2656
Android (android.graphics.Color)	4286411157 (0xFF7D7195)
YUV	120.6920, 13.9558, 3.7781
Hunter-Lab	42.8254, 7.5311, -12.8447

Details

The YUV color **120.6920, 13.9558, 3.7781** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.3080, -13.9558, -3.7781**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2190, 14.6820, 4.1929**, and **72.0510, 12.7929, 3.4633** is the 20% darker color. If you saturate the color by 10%, you get **108.8970, 19.7708, 5.3523**, and if you desaturate by 10%, it is **132.4870, 8.1409, 2.2039**.

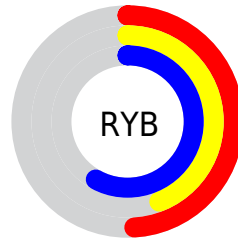
Distribution



Red (49%)

Green (44%)

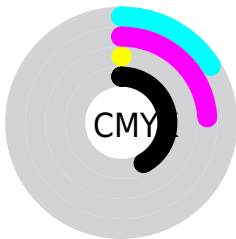
Blue (58%)



Red (49%)

Yellow (44%)

Blue (58%)

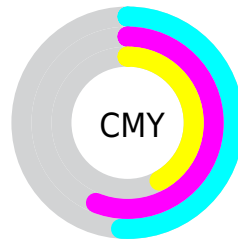


Cyan (16%)

Magenta (24%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6920, 13.9558, 3.7781 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 120.6920, 13.9558, 3.7781 by changing the saturation by 10% instead.

■ 120.6920, 13.9558,
3.7781

■ 120.6920, 13.9558,
3.7781

■ 255.0000, 0.0000,
0.0000

■ 96.1650, 13.2297,
3.3633

■ 173.2190, 14.6820,
4.1929

■ 72.0510, 12.7929,
3.4633

■ 200.6320, 14.9714,
4.7077

■ 49.2250, 12.2141,
2.4337

■ 228.1760, 13.2242,
5.1076

■ 27.6980, 11.4879,
2.0189

■ 250.8910, 2.0257,
3.6036

■ 6.5240, 12.0667,
3.0485

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 120.6920, 13.9558,
3.7781

■ 120.6920, 13.9558,
3.7781

■ 108.8970, 19.7708,
5.3523

■ 132.4870, 8.1409,
2.2039

■ 97.1020, 25.5857,
6.9265

■ 144.2820, 2.3260,
0.6297

■ 85.3070, 31.4006,
8.5008

■ 156.0770, -3.4890,
-0.9445

■ 73.5120, 37.2156,
10.0750

■ 167.8720, -9.3039,
-2.5187

■ 61.7170, 43.0305,
11.6492

■ 179.0800,
-14.8294, -3.5782

■ 50.5090, 48.5561,
12.7086

■ 190.8750,
-20.6444, -5.1524

■ 38.7140, 54.3710,
14.2828

■ 202.6700,
-26.4593, -6.7266

■ 31.9360, 57.7126,
15.8421

■ 214.1660,
-32.1268, -8.9156

■ 225.9610,
-37.9418, -10.4898

Harmonies

Analogous

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



117.1240, 18.6729, -15.8947



120.6920, 13.9558, 3.7781



121.5540, 6.6289, 20.5621

Triad

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



120.6920, 13.9558, 3.7781



118.9030, -16.2212, 22.8871



110.1480, 5.3500, -36.0868

Complementary

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



120.6920, 13.9558, 3.7781



141.3080, -13.9558, -3.7781

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.



113.0760, -5.4605, -21.9917



120.6920, 13.9558, 3.7781



117.1850, -17.3462, 10.3618

Square

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



120.6920, 13.9558, 3.7781



120.4400, -10.5699, 30.3091



115.4110, -13.5136, -5.6224



109.5200, 14.5336, -41.6750

Rectangle

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



120.6920, 13.9558, 3.7781



121.4040, 0.7868, 27.7097



115.4110, -13.5136, -5.6224



111.2580, 1.8448, -31.7983

Sweetspot

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



120.6920, 13.9558, 3.7781



183.0910, 5.3781, 1.6742



131.1920, 8.7793, -15.9544



90.8090, 3.0522, 1.0445



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



120.6920, 13.9558, 3.7781



149.7660, 21.8074, 5.4672



126.0740, 11.3025, 14.8441



68.3960, 2.7628, 0.5297



29.4860, 53.4974, 14.4828



2.0370, 3.9258, 0.8446

Inverse Universe

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



126.5000, 5.1765, 19.7325



158.9620, 7.9067, 30.7283



135.9260, -11.3025, -14.8441



69.5490, 0.7153, 3.9035



51.7500, 19.8433, 75.6412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 120.6920, 13.9558, 3.7781 looks on a white background.

Color Contrast Check

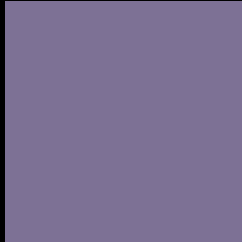
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6920, 13.9558, 3.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

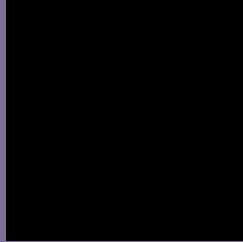
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6920, 13.9558, 3.7781

Background



This preview shows how black text looks on a background with the YUV color 120.6920, 13.9558, 3.7781.



This preview shows how white text looks on a background with the YUV color 120.6920, 13.9558,

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

120.6920, 13.9558, 3.7781

Protanopia

118.8970, 16.3198, -7.8027

Deuteranopia

119.3490, 14.1249, -3.8141



Tritanopia

119.2220, 3.3416, 1.5593

Trichromacy



Original Color

120.6920, 13.9558, 3.7781

Protanomaly

119.6910, 15.4353, -4.1140

Deuteranomaly

119.9580, 13.8247, -0.8402

Tritanomaly

119.8460, 6.9779, 1.8891

Monochromacy



Original Color

120.6920, 13.9558, 3.7781

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6920, 13.9558, 3.7781 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(125, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 113, 149)  
}
```

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(125, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 113, 149) }
```

Border

The CSS property to change the border of an element to YUV 120.6920, 13.9558, 3.7781 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(125, 113, 149) }
```


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

```
.border{ border-color:rgb(125, 113, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 113, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 113, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 113, 149);  
box-shadow:4px 4px 4px 4px rgb(125, 113,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 120.6920, 13.9558, 3.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 113, 149) }
```

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

```
.background{ background-color: rgb(125,  
113, 149) }
```

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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