

Converting Colors

YUV(120.1850, 19.6288, 4.2228)

Have a look what the booklet for
YUV(120.1850, 19.6288, 4.2228)
contains.

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Color

**YUV(120.1850, 19.6288,
4.2228)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6EA0
RGB	125, 110, 160
RGB Percent	49%, 43%, 63%
CMY	0.5098, 0.5686, 0.3725
CMYK	0.22, 0.31, 0.00, 0.37
HSL	258°, 21%, 53%
HSV	258°, 31%, 63%
XYZ	20.3785, 18.0499, 35.6676
YIQ	120.1850, -7.1100, 18.7300

Conversions

Conversions Part 2

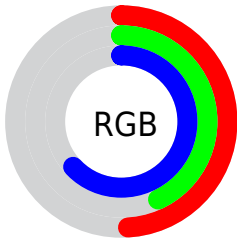
Format	Color
R_{YB}	125, 110, 160
Decimal	8220320
CIE _{Lab}	49.56, 16.69, -24.84
CIE _{LCh}	50, 29.926, 303.893
Yxy	18.0499, 0.2750, 0.2436
Android (android.graphics.Color)	4286410400 (0xFF7D6EA0)
YUV	120.1850, 19.6288, 4.2228
Hunter-Lab	42.4852, 11.2707, -20.0362

Details

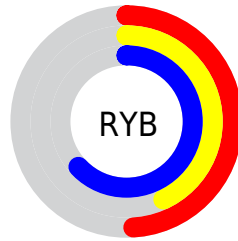
The YUV color **120.1850, 19.6288, 4.2228** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.8150, -19.6288, -4.2228**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8260, 20.7918, 4.5376**, and **71.1310, 18.1764, 3.3931** is the 20% darker color. If you saturate the color by 10%, you get **107.5040, 25.8805, 5.6970**, and if you desaturate by 10%, it is **132.8660, 13.3771, 2.7485**.

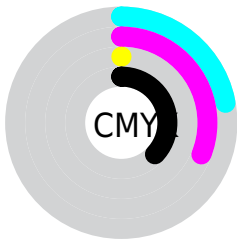
Distribution



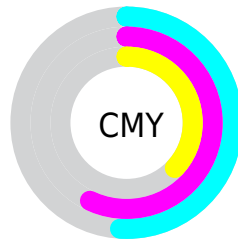
- Red (49%)
- Green (43%)
- Blue (63%)



- Red (49%)
- Yellow (43%)
- Blue (63%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (37%)



- Cyan (51%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1850, 19.6288, 4.2228 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 120.1850, 19.6288, 4.2228 by changing the saturation by 10% instead.

■ 120.1850, 19.6288,
4.2228

■ 120.1850, 19.6288,
4.2228

■ 255.0000, 0.0000,
0.0000

■ 95.6580, 18.9026,
3.8079

■ 172.8260, 20.7918,
4.5376

■ 71.1310, 18.1764,
3.3931

■ 200.2390, 21.0812,
5.0524

■ 48.3050, 17.5976,
2.3635

■ 226.7140, 13.9450,
7.2668

■ 26.9520, 16.2927,
0.9191

■ 249.1300, 2.8939,
5.1480

■ 6.8380, 15.8559,
1.0191

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

120.1850, 19.6288,
4.2228

120.1850, 19.6288,
4.2228

107.5040, 25.8805,
5.6970

132.8660, 13.3771,
2.7485

94.8230, 32.1323,
7.1712

145.5470, 7.1253,
1.2743

81.8430, 38.5314,
8.0307

158.5270, 0.7262,
0.4148

69.1620, 44.7831,
9.5049

171.2080, -5.5255,
-1.0594

56.4810, 51.0349,
10.9792

183.8890,
-11.7773, -2.5337

43.8000, 57.2866,
12.4534

196.5700,
-18.0290, -4.0079

■ 32.5920, 62.8121,
13.5128

■ 209.2510,
-24.2807, -5.4821

■ 222.2310,
-30.6799, -6.3416

■ 234.9120,
-36.9316, -7.8158

Harmonies

Analogous

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



114.7190, 26.2675, -25.1866



120.1850, 19.6288, 4.2228



121.6950, 9.5174, 27.4545

Triad

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



120.1850, 19.6288, 4.2228



118.0520, -22.2106, 30.6494



101.0420, 9.3463, -57.9188

Complementary

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



120.1850, 19.6288, 4.2228



149.8150, -19.6288, -4.2228

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.



108.3800, -6.5963, -31.0283



120.1850, 19.6288, 4.2228



115.3720, -24.3404, 13.7058

Square

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



120.1850, 19.6288, 4.2228



118.9960, -13.8020, 40.3455



113.0210, -18.7444, -7.9114



92.8400, 25.7149, -81.4207

Rectangle

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



120.1850, 19.6288, 4.2228



120.3990, 1.7753, 37.3611



113.0210, -18.7444, -7.9114



104.3160, 3.7882, -48.5121

Sweetspot

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



120.1850, 19.6288, 4.2228



193.9600, 7.4147, 1.7891



136.2450, 11.7112, -23.0169



95.2650, 4.7994, 0.6446



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.



120.1850, 19.6288, 4.2228



145.8830, 31.1167, 6.2416



127.6600, 15.9436, 19.5922



72.8090, 3.0522, 1.0445



29.1590, 56.1236, 12.1386



3.2050, 5.8149, 1.5742

Inverse Universe

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



128.9400, 7.9176, 27.2396



159.8910, 12.3787, 43.0686



142.3400, -15.9436, -19.5922



74.0760, 1.4415, 4.3183



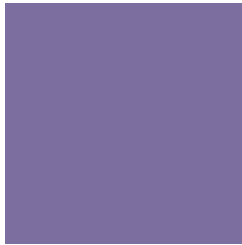
54.1570, 22.6006, 77.9153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 120.1850, 19.6288, 4.2228 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 120.1850, 19.6288, 4.2228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

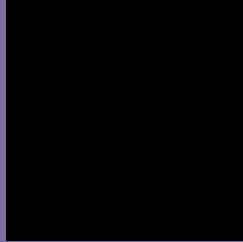
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1850, 19.6288, 4.2228

Background



This preview shows how black text looks on a background with the YUV color 120.1850, 19.6288, 4.2228.



This preview shows how white text looks on a background with the YUV color 120.1850, 19.6288,

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

120.1850, 19.6288, 4.2228

Protanopia

117.6990, 23.3194, -12.8910

Deuteranopia

117.9120, 20.2564, -10.4468



Tritanopia

118.6240, 3.6364, 0.3298

Trichromacy



Original Color

120.1850, 19.6288, 4.2228

Protanomaly

118.6890, 21.8453, -6.7433

Deuteranomaly

118.8310, 19.8033, -5.1138

Tritanomaly

118.8290, 9.4513, 1.9040

Monochromacy



Original Color

120.1850, 19.6288, 4.2228

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1850, 19.6288, 4.2228 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, 110, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 160)  
}
```

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, 110, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 160) }
```

Border

The CSS property to change the border of an element to YUV 120.1850, 19.6288, 4.2228 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, 110, 160) }
```


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

```
.border{ border-color:rgb(125, 110, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 120.1850, 19.6288, 4.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 160) }
```

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

```
.background{ background-color: rgb(125,  
110, 160) }
```

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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