

Converting Colors

YUV(120.8040, 17.3516,
-12.1061)

Have a look what the booklet for
YUV(120.8040, 17.3516, -12.1061)
contains.

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Color

**YUV(120.8040, 17.3516,
-12.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	6B799C
RGB	107, 121, 156
RGB Percent	42%, 47%, 61%
CMY	0.5804, 0.5255, 0.3882
CMYK	0.31, 0.22, 0.00, 0.39
HSL	223°, 20%, 52%
HSV	223°, 31%, 61%
XYZ	18.9015, 19.2008, 34.1624
YIQ	120.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

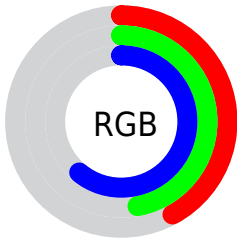
Format	Color
R _Y B	107, 118, 156
Decimal	7043484
CIE Lab	50.92, 3.39, -20.52
CIE LCh	51, 20.799, 279.390
Yxy	19.2008, 0.2616, 0.2657
Android (android.graphics.Color)	4285233564 (0xFF6B799C)
YUV	120.8040, 17.3516, -12.1061
Hunter-Lab	43.8188, 0.3144, -15.5511

Details

The YUV color $120.8040, 17.3516, -12.1061$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $142.1960, -17.3516, 12.1061$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.1460, 18.6620, -12.4060$, and $72.1630, 16.1886, -12.4210$ is the 20% darker color. If you saturate the color by 10%, you get $109.5630, 22.8934, -16.2798$, and if you desaturate by 10%, it is $132.0450, 11.8098, -7.9325$.

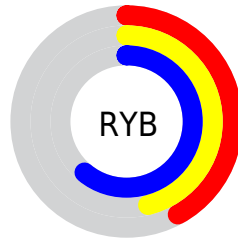
Distribution



Red (42%)

Green (47%)

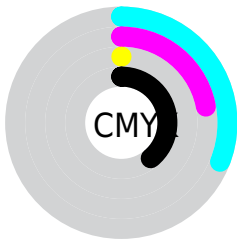
Blue (61%)



Red (42%)

Yellow (46%)

Blue (61%)

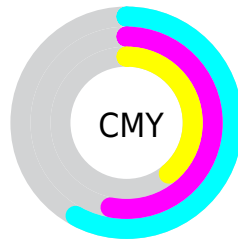


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (39%)



Cyan (58%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8040, 17.3516, -12.1061 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 120.8040, 17.3516, -12.1061 by changing the saturation by 10% instead.

■ 120.8040, 17.3516,
-12.1061

■ 120.8040, 17.3516,
-12.1061

■ 255.0000, 0.0000,
0.0000

■ 95.6900, 16.9148,
-12.0061

■ 173.1460, 18.6620,
-12.4060

■ 72.1630, 16.1886,
-12.4210

■ 201.1460, 18.6620,
-12.4060

■ 48.6360, 15.4625,
-12.8358

■ 227.7780, 13.4204,
-11.2063

■ 25.9130, 15.3259,
-15.7097

■ 251.7110, 1.6215,
-6.7625

■ 5.8650, 14.8566,
-5.1436

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 120.8040, 17.3516,
-12.1061

■ 120.8040, 17.3516,
-12.1061

■ 109.5630, 22.8934,
-16.2798

■ 132.0450, 11.8098,
-7.9325

■ 98.6210, 28.2878,
-19.8386

■ 142.9870, 6.4154,
-4.3736

■ 87.3800, 33.8297,
-24.0123

■ 154.2280, 0.8736,
-0.2000

■ 75.8510, 39.5135,
-27.0563

■ 165.7570, -4.8102,
2.8441

■ 64.6100, 45.0553,
-31.2300

■ 176.9980,
-10.3520, 7.0178

■ 53.3690, 50.5971,
-35.4036

■ 188.2390,
-15.8938, 11.1914

■ 44.1990, 55.1179,
-38.7625

■ 199.1810,
-21.2882, 14.7503

■ 210.4220,
-26.8300, 18.9239

■ 221.3640,
-32.2245, 22.4828

Harmonies

Analogous

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



116.3350, 18.5688, -29.2348



120.8040, 17.3516, -12.1061



123.6600, 12.4926, 6.4372

Triad

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



120.8040, 17.3516, -12.1061



122.9020, -11.2907, 28.1499



115.2330, -3.5659, -23.0063

Complementary

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



120.8040, 17.3516, -12.1061



142.1960, -17.3516, 12.1061

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.



117.7420, -12.1978, -7.6667



120.8040, 17.3516, -12.1061



121.4790, -16.5051, 20.6279

Square

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



120.8040, 17.3516, -12.1061



123.5630, -3.7286, 29.3242



119.9890, -16.7566, 7.9026



112.7890, 6.5130, -35.7720

Rectangle

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



120.8040, 17.3516, -12.1061



124.1730, 7.8027, 17.3883



119.9890, -16.7566, 7.9026



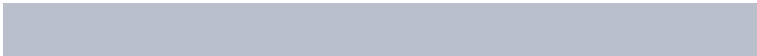
115.8700, -6.3449, -18.3030

Sweetspot

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



120.8040, 17.3516, -12.1061



190.9870, 6.4154, -4.3736



139.6390, 0.6710, -28.6244



94.0150, 3.9366, -2.6442



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.8040, 17.3516, -12.1061



148.3930, 27.4143, -19.6387



115.5760, 19.9290, 1.2488



73.0860, 2.9156, -1.8294



40.3690, 50.5971, -35.4036



4.0580, 5.3944, -3.5589

Inverse Universe

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



123.2470, -1.1078, 28.7244



151.9440, -1.4514, 45.6531



147.4240, -19.9290, -1.2488



73.6200, -0.3057, 4.7183



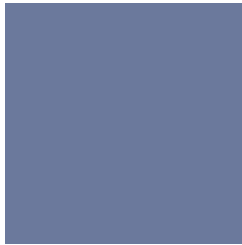
47.4310, -3.1705, 83.8140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 120.8040, 17.3516, -12.1061 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.8040, 17.3516, -12.1061 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

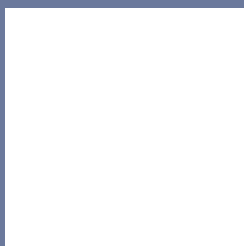
Any Text WCAG AAA × Fail

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

YUV 120.8040, 17.3516, -12.1061 Background



This preview shows how black text looks on a background with the YUV color 120.8040, 17.3516, -12.1061.



This preview shows how white text looks on a background with the YUV color 120.8040, 17.3516, -12.1061.

-12.1061.

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

120.8040, 17.3516, -12.1061

Protanopia

121.5980, 16.4672, -8.4174

Deuteranopia

121.7230, 16.8986, -6.7731



Tritanopia

119.2630, 7.7583, -15.1397

Trichromacy



Original Color

120.8040, 17.3516, -12.1061

Protanomaly

121.0000, 16.7620, -9.6470

Deuteranomaly

121.4130, 17.0514, -9.1322

Tritanomaly

120.1860, 11.2473, -14.1951

Monochromacy



Original Color

120.8040, 17.3516, -12.1061

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8040, 17.3516, -12.1061 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(107, 121, 156)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 156)  
}
```

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(107, 121, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 156) }
```

Border

The CSS property to change the border of an element to YUV 120.8040, 17.3516, -12.1061 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(107, 121, 156) }
```


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

```
.border{ border-color:rgb(107, 121, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 121, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 156);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 120.8040, 17.3516, -12.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 156) }
```

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

```
.background{ background-color: rgb(107,  
121, 156) }
```

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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