

Converting Colors

YUV(120.2400, 32.9127,
-9.8575)

Have a look what the booklet for
YUV(120.2400, 32.9127, -9.8575)
contains.

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Color

**YUV(120.2400, 32.9127,
-9.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	6D71BB
RGB	109, 113, 187
RGB Percent	43%, 44%, 73%
CMY	0.5725, 0.5569, 0.2667
CMYK	0.42, 0.40, 0.00, 0.27
HSL	237°, 36%, 58%
HSV	237°, 42%, 73%
XYZ	21.1814, 18.6493, 49.4970
YIQ	120.2400, -26.1380, 22.1660

Conversions

Conversions Part 2

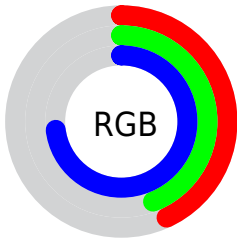
Format	Color
R _{YB}	109, 113, 187
Decimal	7172539
CIE Lab	50.27, 17.47, -39.51
CIE LCh	50, 43.206, 293.856
Yxy	18.6493, 0.2371, 0.2088
Android (android.graphics.Color)	4285362619 (0xFF6D71BB)
YUV	120.2400, 32.9127, -9.8575
Hunter-Lab	43.1849, 11.9777, -37.7268

Details

The YUV color **120.2400, 32.9127, -9.8575** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **175.7600, -32.9127, 9.8575**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7070, 34.6544, -8.5130**, and **69.7620, 31.1763, -12.9463** is the 20% darker color. If you saturate the color by 10%, you get **103.9930, 40.9225, -12.2719**, and if you desaturate by 10%, it is **136.4870, 24.9029, -7.4431**.

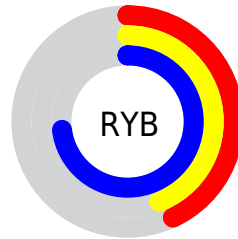
Distribution



Red (43%)

Green (44%)

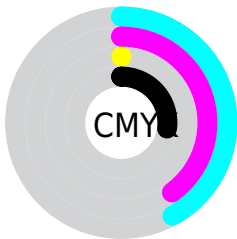
Blue (73%)



Red (43%)

Yellow (44%)

Blue (73%)

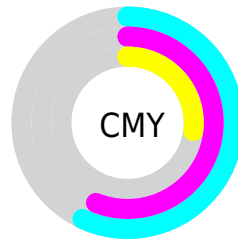


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2400, 32.9127, -9.8575 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 120.2400, 32.9127, -9.8575 by changing the saturation by 10% instead.

■ 120.2400, 32.9127,
-9.8575

■ 120.2400, 32.9127,
-9.8575

■ 255.0000, 0.0000,
0.0000

■ 95.0010, 32.0445,
-11.4019

■ 173.7070, 34.6544,
-8.5130

■ 69.7620, 31.1763,
-12.9463

■ 199.1820, 27.5183,
-6.2986

■ 45.3270, 30.8978,
-16.9498

■ 223.9900, 15.2879,
-3.4992

■ 22.9630, 29.5982,
-20.1386

■ 249.3960, 2.7628,
0.5297

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 120.2400, 32.9127,
-9.8575

■ 120.2400, 32.9127,
-9.8575

■ 103.9930, 40.9225,
-12.2719

■ 136.4870, 24.9029,
-7.4431

■ 88.6320, 48.4954,
-14.5863

■ 151.8480, 17.3299,
-5.1287

■ 72.3850, 56.5052,
-17.0006

■ 168.0950, 9.3202,
-2.7143

■ 56.1380, 64.5150,
-19.4150

■ 184.3420, 1.3104,
-0.2999

■ 39.8910, 72.5247,
-21.8294

■ 200.5890, -6.6994,
2.1144

■ 27.1880, 78.7873,
-23.8439

■ 215.9500,
-14.2724, 4.4288

■ 232.1970,
-22.2821, 6.8432

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



95.9640, 47.8387, -84.1604



120.2400, 32.9127, -9.8575



123.3500, 19.5475, 30.3881

Triad

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



120.2400, 32.9127, -9.8575



118.2670, -28.2326, 48.8778



93.0730, 8.8380, -81.6250

Complementary

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



120.2400, 32.9127, -9.8575



175.7600, -32.9127, 9.8575

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.



106.8280, -16.1842, -35.8062



120.2400, 32.9127, -9.8575



116.3600, -36.1665, 26.8713

Square

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



120.2400, 32.9127, -9.8575



119.2310, -13.4249, 59.4334



112.7370, -31.4223, -1.5233



97.8780, 24.7101, -85.8390

Rectangle

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



120.2400, 32.9127, -9.8575



121.8270, 9.4523, 48.3867



112.7370, -31.4223, -1.5233



91.5910, 3.1596, -80.3253

Sweetspot

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



120.2400, 32.9127, -9.8575



215.1210, 13.2513, -3.6141



163.1080, 9.3138, -47.4527



105.7530, 8.0098, -2.4144



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



120.2400, 32.9127, -9.8575



138.3160, 51.1162, -15.1861



128.0580, 29.0584, 13.1041



86.0260, 3.9312, -0.8998



22.7080, 66.6990, -19.9149



4.7080, 12.9620, -4.1289

Inverse Universe

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



132.7780, -9.7506, 47.5527



157.8630, -15.2155, 73.7881



167.9420, -29.0584, -13.1041



87.6910, -1.3267, 5.5330



48.1540, -19.7959, 96.3349



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 120.2400, 32.9127, -9.8575 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 120.2400, 32.9127, -9.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

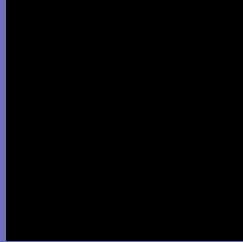
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2400, 32.9127, -9.8575

Background



This preview shows how black text looks on a background with the YUV color 120.2400, 32.9127, -9.8575.



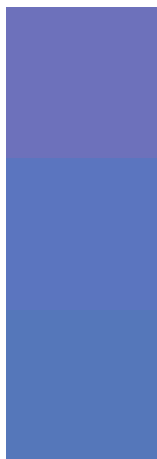
This preview shows how white text looks on a background with the YUV color 120.2400, 32.9127, -9.8575.

-9.8575.

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

120.2400, 32.9127, -9.8575

Protanopia

117.6620, 36.1556, -23.3826

Deuteranopia

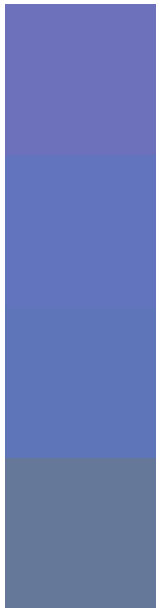
116.4720, 34.2773, -27.6009



Tritanopia

116.7680, 8.4954, -18.2135

Trichromacy



Original Color

120.2400, 32.9127, -9.8575

Protanomaly

119.0540, 34.9764, -18.4644

Deuteranomaly

117.9890, 33.5294, -21.0384

Tritanomaly

118.0810, 17.2151, -14.9800

Monochromacy



Original Color

120.2400, 32.9127, -9.8575

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7790, 11.9410, -3.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2400, 32.9127, -9.8575 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(109, 113, 187)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 187)  
}
```

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(109, 113, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 187) }
```

Border

The CSS property to change the border of an element to YUV 120.2400, 32.9127, -9.8575 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(109, 113, 187) }
```


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

```
.border{ border-color:rgb(109, 113, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 187);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 120.2400, 32.9127, -9.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 187) }
```

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

```
.background{ background-color: rgb(109,  
113, 187) }
```

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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