

Converting Colors

YUV(120.3790, 21.9982,
-9.1024)

Have a look what the booklet for
YUV(120.3790, 21.9982, -9.1024)
contains.

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Color

**YUV(120.3790, 21.9982,
-9.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	6E75A5
RGB	110, 117, 165
RGB Percent	43%, 46%, 65%
CMY	0.5686, 0.5412, 0.3529
CMYK	0.33, 0.29, 0.00, 0.35
HSL	232°, 23%, 54%
HSV	232°, 33%, 65%
XYZ	19.5832, 18.7542, 38.1851
YIQ	120.3790, -19.5800, 13.4440

Conversions

Conversions Part 2

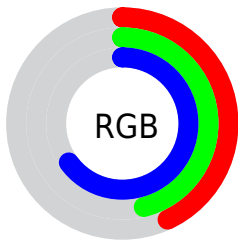
Format	Color
R_{YB}	110, 116, 165
Decimal	7239077
CIE _{Lab}	50.40, 9.11, -26.56
CIE _{LCh}	50, 28.080, 288.942
Yxy	18.7542, 0.2559, 0.2451
Android (android.graphics.Color)	4285429157 (0xFF6E75A5)
YUV	120.3790, 21.9982, -9.1024
Hunter-Lab	43.3061, 4.9329, -21.9646

Details

The YUV color $120.3790, 21.9982, -9.1024$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $154.6210, -21.9982, 9.1024$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.0200, 23.1611, -8.7875$, and $71.3250, 20.5458, -9.9320$ is the 20% darker color. If you saturate the color by 10%, you get $107.0780, 28.5555, -12.3464$, and if you desaturate by 10%, it is $133.3810, 15.5882, -6.4731$.

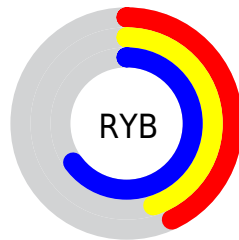
Distribution



Red (43%)

Green (46%)

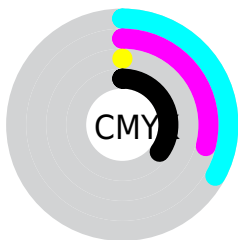
Blue (65%)



Red (43%)

Yellow (45%)

Blue (65%)

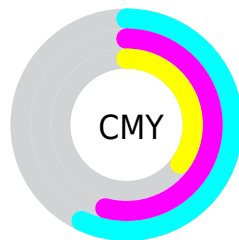


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3790, 21.9982, -9.1024 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 120.3790, 21.9982, -9.1024 by changing the saturation by 10% instead.

■ 120.3790, 21.9982,
-9.1024

■ 120.3790, 21.9982,
-9.1024

■ 255.0000, 0.0000,
0.0000

■ 95.2650, 21.5614,
-9.0024

■ 173.0200, 23.1611,
-8.7875

■ 71.3250, 20.5458,
-9.9320

■ 200.5470, 23.8873,
-8.3727

■ 48.0860, 19.6776,
-11.4764

■ 226.0390, 14.2778,
-6.1732

■ 24.7650, 19.8359,
-15.5799

■ 251.7330, 1.6106,
-3.2738

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 120.3790, 21.9982,
-9.1024

■ 120.3790, 21.9982,
-9.1024

■ 107.0780, 28.5555,
-12.3464

■ 133.3810, 15.5882,
-6.4731

■ 93.4890, 35.2549,
-14.4609

■ 147.2690, 8.7414,
-3.7439

■ 80.4870, 41.6649,
-17.0901

■ 160.2710, 2.3314,
-1.1147

■ 66.5990, 48.5117,
-19.8193

■ 174.1590, -4.5154,
1.6146

■ 53.5970, 54.9217,
-22.4486

■ 187.4600,
-11.0728, 4.8586

■ 40.2960, 61.4791,
-25.6926

■ 200.4620,
-17.4828, 7.4878

■ 31.1370, 65.9945,
-27.3071

■ 214.3500,
-24.3295, 10.2171

■ 227.3520,
-30.7395, 12.8463

■ 240.0440,
-36.9967, 13.1164

Harmonies

Analogous

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



113.5280, 25.8687, -37.2971



120.3790, 21.9982, -9.1024



122.8830, 14.3547, 15.8886

Triad

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



120.3790, 21.9982, -9.1024



120.3390, -17.4221, 34.7827



108.8610, 0.5615, -40.2201

Complementary

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



120.3790, 21.9982, -9.1024



154.6210, -21.9982, 9.1024

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.



113.5620, -12.6021, -18.0329



120.3790, 21.9982, -9.1024



118.8830, -22.6203, 22.0276

Square

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



120.3790, 21.9982, -9.1024



121.8910, -7.8343, 39.5606



116.8160, -21.1083, 3.6694



103.3280, 15.6143, -61.6777

Rectangle

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



120.3790, 21.9982, -9.1024



123.4240, 7.1860, 28.5692



116.8160, -21.1083, 3.6694



110.6510, -4.2649, -32.1429

Sweetspot

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



120.3790, 21.9982, -9.1024



197.1550, 8.3046, -3.6439



147.7570, 5.0498, -33.1129



96.6560, 5.0996, -2.3293



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



120.3790, 21.9982, -9.1024



144.5600, 34.2339, -13.6461



122.2500, 21.0757, 6.7968



74.6130, 3.6418, -1.4146



27.0960, 58.1267, -23.7632



3.2260, 7.2836, -2.8292

Inverse Universe

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



127.2430, -5.0498, 33.1129



155.5550, -8.1616, 51.2563



152.7500, -21.0757, -6.7967



75.8050, -0.8899, 5.4330



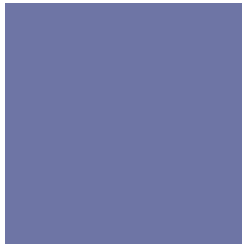
45.4070, -13.5117, 87.3431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 120.3790, 21.9982, -9.1024 looks on a white background.

Color Contrast Check

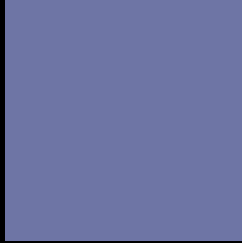
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3790, 21.9982, -9.1024 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 120.3790, 21.9982, -9.1024

Background



This preview shows how black text looks on a background with the YUV color 120.3790, 21.9982, -9.1024.



This preview shows how white text looks on a background with the YUV color 120.3790, 21.9982, -9.1024.

-9.1024.

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

120.3790, 21.9982, -9.1024

Protanopia

119.5850, 22.8826, -12.7910

Deuteranopia

119.7700, 22.2984, -12.0763



Tritanopia

118.1600, 7.3161, -13.2953

Trichromacy



Original Color

120.3790, 21.9982, -9.1024

Protanomaly

120.1830, 22.5878, -11.5615

Deuteranomaly

120.0690, 22.1510, -11.4615

Tritanomaly

119.2510, 12.6943, -11.6211

Monochromacy



Original Color

120.3790, 21.9982, -9.1024

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3790, 21.9982, -9.1024 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(110, 117, 165)` looks like.

```
.text, #text, p{  
    color:rgb(110, 117, 165)  
}
```

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(110, 117, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 117, 165) }
```

Border

The CSS property to change the border of an element to YUV 120.3790, 21.9982, -9.1024 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(110, 117, 165) }
```


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

```
.border{ border-color:rgb(110, 117, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 117, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 117, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 117, 165);  
box-shadow:4px 4px 4px 4px rgb(110, 117,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 120.3790, 21.9982, -9.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 117, 165) }
```

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

```
.background{ background-color: rgb(110,  
117, 165) }
```

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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