

Converting Colors

YUV(121.7480, 39.0712,
-25.2120)

Have a look what the booklet for
YUV(121.7480, 39.0712, -25.2120)
contains.

YUV(121.7480, 39.0712, -25.2120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.7480, 39.0712,
-25.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	5D79C9
RGB	93, 121, 201
RGB Percent	36%, 47%, 79%
CMY	0.6353, 0.5255, 0.2118
CMYK	0.54, 0.40, 0.00, 0.21
HSL	224°, 50%, 58%
HSV	224°, 54%, 79%
XYZ	21.8942, 20.2189, 58.0070
YIQ	121.7480, -42.3680, 18.9440

Conversions

Conversions Part 2

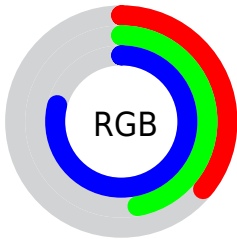
Format	Color
R _Y B	93, 115, 201
Decimal	6126025
CIE Lab	52.08, 13.04, -44.75
CIE LCh	52, 46.607, 286.244
Yxy	20.2189, 0.2187, 0.2019
Android (android.graphics.Color)	4284316105 (0xFF5D79C9)
YUV	121.7480, 39.0712, -25.2120
Hunter-Lab	44.9655, 8.2240, -45.0103

Details

The YUV color $121.7480, 39.0712, -25.2120$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as middle muted azure. A complement of this color would be $172.2520, -39.0712, 25.2120$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.4710, 39.2078, -22.3381$, and $68.4650, 38.2248, -33.7338$ is the 20% darker color. If you saturate the color by 10%, you get $106.9630, 46.3602, -29.7856$, and if you desaturate by 10%, it is $136.5330, 31.7822, -20.6384$.

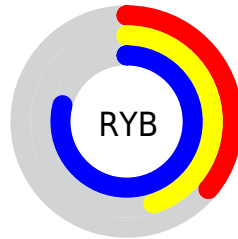
Distribution



Red (36%)

Green (47%)

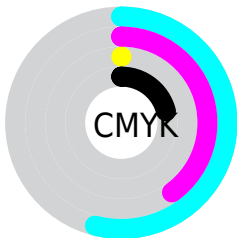
Blue (79%)



Red (36%)

Yellow (45%)

Blue (79%)

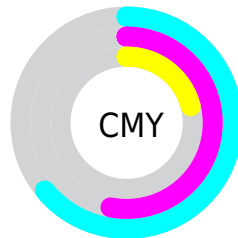


Cyan (54%)

Magenta (40%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7480, 39.0712, -25.2120 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 121.7480, 39.0712, -25.2120 by changing the saturation by 10% instead.

■ 121.7480, 39.0712,
-25.2120

■ 121.7480, 39.0712,
-25.2120

■ 255.0000, 0.0000,
0.0000

■ 95.2100, 38.3505,
-27.3712

■ 175.4710, 39.2078,
-22.3381

■ 68.4650, 38.2248,
-33.7338

■ 199.6920, 27.2668,
-19.0239

■ 43.6170, 37.6568,
-38.2521

■ 224.7990, 14.8891,
-15.6097

■ 29.0270, 32.5247,
-25.4567

■ 249.6180, 2.6533,
-11.0660

■ 11.0290, 29.5657,
-9.6724

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 121.7480, 39.0712,
-25.2120

■ 121.7480, 39.0712,
-25.2120

■ 106.9630, 46.3602,
-29.7856

■ 136.5330, 31.7822,
-20.6384

■ 92.1780, 53.6492,
-34.3591

■ 151.3180, 24.4932,
-16.0649

■ 77.3930, 60.9383,
-38.9327

■ 166.1030, 17.2042,
-11.4913

■ 62.6080, 68.2273,
-43.5062

■ 180.8880, 9.9152,
-6.9178

■ 53.4380, 72.7481,
-46.8651

■ 195.3850, 2.7682,
-1.2146

■ 210.1700, -4.5208,
3.3589

■ 224.9550,
-11.8098, 7.9325

■ 239.7400,
-19.0988, 12.5060

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



101.6860, 49.4548, -89.1786



121.7480, 39.0712, -25.2120



128.2010, 25.5369, 22.6257

Triad

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



121.7480, 39.0712, -25.2120



122.6640, -26.9494, 57.2997



95.7970, 4.0441, -84.0140

Complementary

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



121.7480, 39.0712, -25.2120



172.2520, -39.0712, 25.2120

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.



112.4500, -22.8999, -28.4587



121.7480, 39.0712, -25.2120



121.5460, -38.2302, 35.4782

Square

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



121.7480, 39.0712, -25.2120



123.3010, -9.5154, 65.5110



117.8860, -37.4118, 6.2390



101.0580, 21.6634, -88.6279

Rectangle

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



121.7480, 39.0712, -25.2120



127.4830, 14.5519, 46.0574



117.8860, -37.4118, 6.2390



102.5840, -6.2039, -63.6562

Sweetspot

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



121.7480, 39.0712, -25.2120



225.1310, 14.7254, -9.7619



165.4020, 3.2528, -63.4966



109.9590, 8.8942, -6.1030



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



121.7480, 39.0712, -25.2120



135.2360, 59.0437, -37.9180



112.7870, 43.4890, 4.5718



92.2000, 3.3524, -1.9294



43.2360, 59.0437, -37.9180



9.3870, 13.1202, -8.2324

Inverse Universe

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



128.4840, -3.6896, 63.5965



145.5250, -5.6818, 96.0096



181.2130, -43.4890, -4.5718



92.9190, -0.4531, 5.3330



53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 121.7480, 39.0712, -25.2120 looks on a white background.

Color Contrast Check

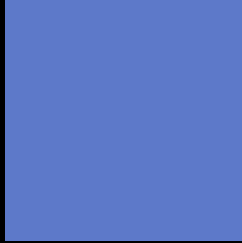
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7480, 39.0712, -25.2120 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 121.7480, 39.0712, -25.2120

Background



This preview shows how black text looks on a background with the YUV color 121.7480, 39.0712, -25.2120.



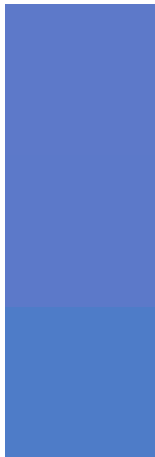
This preview shows how white text looks on a background with the YUV color 121.7480, 39.0712, -25.2120.

-25.2120.

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

121.7480, 39.0712, -25.2120

Protanopia

121.4490, 39.2186, -25.8268

Deuteranopia

118.9100, 39.9774, -35.8781



Tritanopia

116.3140, 13.6492, -37.9864

Trichromacy



Original Color

121.7480, 39.0712, -25.2120

Protanomaly

121.4490, 39.2186, -25.8268

Deuteranomaly

119.8180, 39.5297, -32.2894

Tritanomaly

118.4530, 22.9477, -33.7233

Monochromacy



Original Color

121.7480, 39.0712, -25.2120

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0170, 14.2886, -9.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7480, 39.0712, -25.2120 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(93, 121, 201)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 201)  
}
```

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(93, 121, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 201) }
```

Border

The CSS property to change the border of an element to YUV 121.7480, 39.0712, -25.2120 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(93, 121, 201) }
```


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

```
.border{ border-color:rgb(93, 121, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 121, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 201);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 121.7480, 39.0712, -25.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 201) }
```

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

```
.background{ background-color: rgb(93, 121,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor