

Converting Colors

YUV(121.6760, 45.0227,
-20.7639)

Have a look what the booklet for
YUV(121.6760, 45.0227, -20.7639)
contains.

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Color

**YUV(121.6760, 45.0227,
-20.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	6274D5
RGB	98, 116, 213
RGB Percent	38%, 45%, 84%
CMY	0.6157, 0.5451, 0.1647
CMYK	0.54, 0.46, 0.00, 0.16
HSL	231°, 58%, 61%
HSV	231°, 54%, 84%
XYZ	23.2926, 19.8915, 65.5626
YIQ	121.6760, -41.8650, 26.3510

Conversions

Conversions Part 2

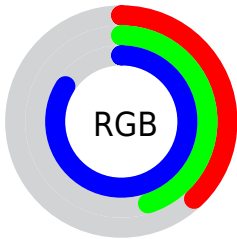
Format	Color
R_{YB}	98, 114, 213
Decimal	6452437
CIE _{Lab}	51.71, 21.02, -52.14
CIE _{LCh}	52, 56.216, 291.959
Yxy	19.8915, 0.2142, 0.1829
Android (android.graphics.Color)	4284642517 (0xFF6274D5)
YUV	121.6760, 45.0227, -20.7639
Hunter-Lab	44.5999, 15.1730, -55.9372

Details

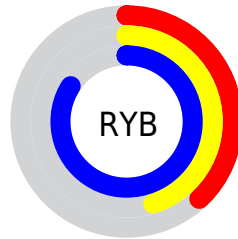
The YUV color **121.6760, 45.0227, -20.7639** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **189.3240, -45.0227, 20.7639**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3300, 39.7703, -16.0754**, and **67.7950, 44.4711, -30.5152** is the 20% darker color. If you saturate the color by 10%, you get **104.8310, 53.3273, -24.4078**, and if you desaturate by 10%, it is **138.5210, 36.7181, -17.1199**.

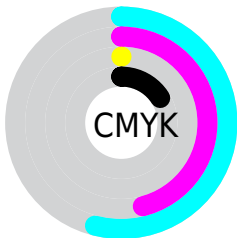
Distribution



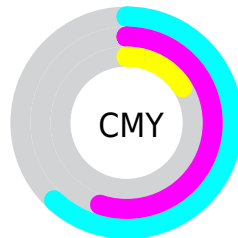
- Red (38%)
- Green (45%)
- Blue (84%)



- Red (38%)
- Yellow (45%)
- Blue (84%)



- Cyan (54%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6760, 45.0227, -20.7639 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 121.6760, 45.0227, -20.7639 by changing the saturation by 10% instead.

■ 121.6760, 45.0227,
-20.7639

■ 121.6760, 45.0227,
-20.7639

■ 255.0000, 0.0000,
0.0000

■ 95.4260, 44.1600,
-24.0526

■ 174.3300, 39.7703,
-16.0754

■ 67.7950, 44.4711,
-30.5152

■ 198.8500, 27.6820,
-12.1464

■ 42.5230, 43.6192,
-37.2927

■ 223.9570, 15.3042,
-8.7323

■ 27.8190, 38.0502,
-24.3973

■ 249.3630, 2.7790,
-4.7034

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 121.6760, 45.0227,
-20.7639

■ 121.6760, 45.0227,
-20.7639

■ 104.8310, 53.3273,
-24.4078

■ 138.5210, 36.7181,
-17.1199

■ 87.6870, 61.7793,
-28.6665

■ 155.6650, 28.2662,
-12.8612

■ 70.8420, 70.0839,
-32.3104

■ 172.5100, 19.9616,
-9.2173

■ 53.9970, 78.3885,
-35.9544

■ 189.3550, 11.6570,
-5.5733

■ 43.6530, 83.4881,
-38.2837

■ 206.4990, 3.2050,
-1.3146

■ 223.3440, -5.0996,
2.3293

■ 240.1890,
-13.4042, 5.9732

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



103.0370, 57.1698, -90.3634



121.6760, 45.0227, -20.7639



126.5710, 27.8195, 37.2102

Triad

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



121.6760, 45.0227, -20.7639



119.7050, -35.8436, 63.4027



97.4270, 5.2125, -85.4435

Complementary

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



121.6760, 45.0227, -20.7639



189.3240, -45.0227, 20.7639

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.



104.2580, -21.8192, -48.4613



121.6760, 45.0227, -20.7639



116.7020, -51.6181, 36.2183

Square

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



121.6760, 45.0227, -20.7639



119.1240, -14.3581, 78.8213



112.8500, -46.2680, 0.1316



103.7140, 26.7630, -90.9572

Rectangle

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



121.6760, 45.0227, -20.7639



123.9950, 14.7925, 62.2714



112.8500, -46.2680, 0.1316



95.0160, -1.4869, -83.3290

Sweetspot

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



121.6760, 45.0227, -20.7639



222.7830, 15.8830, -7.7027



176.4490, 8.6526, -68.7998



108.1980, 9.7624, -4.5586



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.



121.6760, 45.0227, -20.7639



123.1860, 64.9843, -29.9811



122.4720, 44.6303, 11.8641



98.4280, 4.2260, -2.1294



35.3430, 66.8789, -30.9958



9.0110, 16.7566, -7.9026

Inverse Universe

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



134.4370, -9.0894, 68.8998



141.5980, -13.1128, 99.4536



188.5280, -44.6303, -11.8641



99.5170, -0.7479, 6.5626



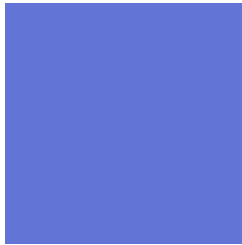
54.2070, -13.4131, 102.4275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 121.6760, 45.0227, -20.7639 looks on a white background.

Color Contrast Check

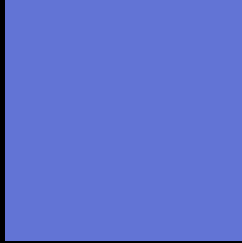
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6760, 45.0227, -20.7639 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 121.6760, 45.0227, -20.7639

Background



This preview shows how black text looks on a background with the YUV color 121.6760, 45.0227, -20.7639.



This preview shows how white text looks on a background with the YUV color 121.6760, 45.0227, -20.7639.

-20.7639.

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

121.6760, 45.0227, -20.7639

Protanopia

118.5000, 48.5605, -35.5185

Deuteranopia

113.5860, 48.0251, -50.5029



Tritanopia

115.6130, 13.5018, -37.3716

Trichromacy



Original Color

121.6760, 45.0227, -20.7639

Protanomaly

119.8920, 47.3812, -30.6003

Deuteranomaly

116.4240, 47.1190, -39.8368

Tritanomaly

117.6320, 24.8314, -31.2493

Monochromacy



Original Color

121.6760, 45.0227, -20.7639

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8970, 16.3198, -7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6760, 45.0227, -20.7639 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(98, 116, 213)` looks like.

```
.text, #text, p{  
    color:rgb(98, 116, 213)  
}
```

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(98, 116, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 116, 213) }
```

Border

The CSS property to change the border of an element to YUV 121.6760, 45.0227, -20.7639 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(98, 116, 213) }
```


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

```
.border{ border-color:rgb(98, 116, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 116, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 116, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 116, 213);  
box-shadow:4px 4px 4px 4px rgb(98, 116,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 121.6760, 45.0227, -20.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 116, 213) }
```

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

```
.background{ background-color: rgb(98, 116,  
213) }
```

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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