

Converting Colors

YUV(121.0500, 27.5834,
-27.2308)

Have a look what the booklet for
YUV(121.0500, 27.5834, -27.2308)
contains.

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Color

**YUV(121.0500, 27.5834,
-27.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7EB1
RGB	90, 126, 177
RGB Percent	35%, 49%, 69%
CMY	0.6471, 0.5059, 0.3059
CMYK	0.49, 0.29, 0.00, 0.31
HSL	215°, 36%, 52%
HSV	215°, 49%, 69%
XYZ	19.6131, 20.2697, 44.4737
YIQ	121.0500, -37.8270, 8.2290

Conversions

Conversions Part 2

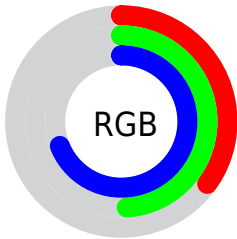
Format	Color
R_{YB}	90, 115, 177
Decimal	5930673
CIE _{Lab}	52.14, 1.75, -30.91
CIE _{LCh}	52, 30.958, 273.249
Yxy	20.2697, 0.2325, 0.2403
Android (android.graphics.Color)	4284120753 (0xFF5A7EB1)
YUV	121.0500, 27.5834, -27.2308
Hunter-Lab	45.0219, -1.0274, -27.0528

Details

The YUV color $121.0500, 27.5834, -27.2308$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $145.9500, -27.5833, 27.2309$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.1040, 29.0357, -26.4012$, and $69.5010, 26.8680, -31.1344$ is the 20% darker color. If you saturate the color by 10%, you get $109.7980, 33.1306, -33.1488$, and if you desaturate by 10%, it is $132.3020, 22.0361, -21.3129$.

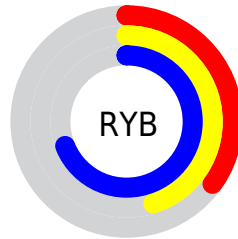
Distribution



Red (35%)

Green (49%)

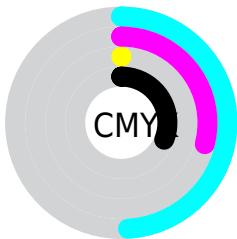
Blue (69%)



Red (35%)

Yellow (45%)

Blue (69%)

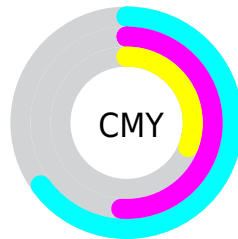


Cyan (49%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0500, 27.5834, -27.2308 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 121.0500, 27.5834, -27.2308 by changing the saturation by 10% instead.

■ 121.0500, 27.5834,
-27.2308

■ 121.0500, 27.5834,
-27.2308

■ 255.0000, 0.0000,
0.0000

■ 95.2240, 27.0046,
-28.2604

■ 174.1040, 29.0357,
-26.4012

■ 69.5010, 26.8680,
-31.1344

■ 201.4200, 26.4149,
-25.8013

■ 43.5710, 27.3265,
-38.2118

■ 226.5270, 14.0372,
-22.3872

■ 28.5080, 22.9206,
-25.0015

■ 247.5250, 3.6852,
-15.3694

■ 12.3850, 19.5302,
-10.8616

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 121.0500, 27.5834,
-27.2308

■ 121.0500, 27.5834,
-27.2308

■ 109.7980, 33.1306,
-33.1488

■ 132.3020, 22.0361,
-21.3129

■ 98.2580, 38.8198,
-37.9373

■ 143.8420, 16.3469,
-16.5244

■ 87.0060, 44.3670,
-43.8553

■ 155.0940, 10.7997,
-10.6064

■ 75.1670, 50.2037,
-49.2585

■ 166.9330, 4.9630,
-5.2032

■ 63.9150, 55.7509,
-55.1765

■ 178.1850, -0.5842,
0.7148

■ 63.0290, 56.1877,
-55.2764

■ 189.1380, -5.9840,
6.0180

■ 200.9770,
-11.8207, 11.4212

■ 212.2290,
-17.3679, 17.3392

■ 223.1820,
-22.7677, 22.6424

Harmonies

Analogous

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



109.2260, 30.4546, -61.5882



121.0500, 27.5834, -27.2308



126.5270, 20.9392, 3.9228

Triad

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



121.0500, 27.5834, -27.2308



125.3060, -13.9549, 42.7046



114.5540, -7.1751, -32.0579

Complementary

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



121.0500, 27.5834, -27.2308



145.9500, -27.5833, 27.2309

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.



119.0920, -19.7654, -7.0967



121.0500, 27.5834, -27.2308



123.9490, -22.6529, 32.4937

Square

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



121.0500, 27.5834, -27.2308



126.6940, -2.3141, 42.3644



122.4430, -25.3614, 14.5205



107.0310, 9.3517, -59.6632

Rectangle

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



121.0500, 27.5834, -27.2308



127.8020, 13.9016, 21.2216



122.4430, -25.3614, 14.5205



116.6430, -12.1490, -23.3659

Sweetspot

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



121.0500, 27.5834, -27.2308



207.2080, 11.2365, -10.7064



146.8830, -2.9003, -49.8864



101.6770, 6.5682, -6.7327



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.0500, 27.5834, -27.2308



142.3760, 43.1986, -42.4258



102.0110, 36.9696, -4.3946



83.3740, 2.7736, -2.9590



54.4230, 48.5985, -47.7290



9.4210, 8.1734, -8.2622

Inverse Universe

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



120.1170, 2.9003, 49.8864



141.0480, 4.4133, 78.0109



164.9890, -36.9696, 4.3946



83.1470, 0.4205, 5.1331



52.9290, 4.9650, 87.7623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 121.0500, 27.5834, -27.2308 looks on a white background.

Color Contrast Check

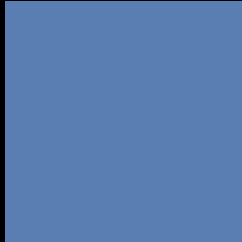
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0500, 27.5834, -27.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

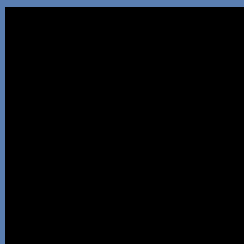
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

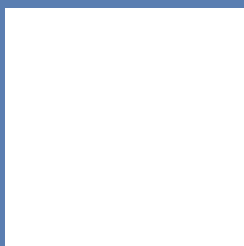
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.0500, 27.5834, -27.2308

Background



This preview shows how black text looks on a background with the YUV color 121.0500, 27.5834, -27.2308.

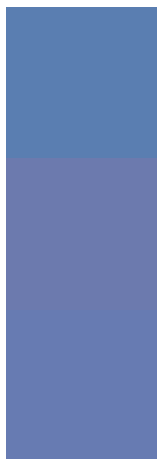


This preview shows how white text looks on a background with the YUV color 121.0500, 27.5834, -27.2308.

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

121.0500, 27.5834, -27.2308

Protanopia

123.7420, 24.7772, -13.8057

Deuteranopia

123.2900, 26.9720, -17.7943



Tritanopia

117.4070, 12.6173, -33.6829

Trichromacy



Original Color

121.0500, 27.5834, -27.2308

Protanomaly

122.3500, 25.9565, -18.7239

Deuteranomaly

122.3820, 27.4197, -21.3830

Tritanomaly

118.7970, 17.8481, -31.3940

Monochromacy



Original Color

121.0500, 27.5834, -27.2308

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1650, 9.7787, -9.7917

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0500, 27.5834, -27.2308 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(90, 126, 177)` looks like.

```
.text, #text, p{  
    color:rgb(90, 126, 177)  
}
```

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(90, 126, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 126, 177) }
```

Border

The CSS property to change the border of an element to YUV 121.0500, 27.5834, -27.2308 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(90, 126, 177) }
```


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

```
.border{ border-color:rgb(90, 126, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 126, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 126, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 126, 177);  
box-shadow:4px 4px 4px 4px rgb(90, 126,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 121.0500, 27.5834, -27.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 126, 177) }
```

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

```
.background{ background-color: rgb(90, 126,  
177) }
```

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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