

Converting Colors

YUV(121.1260, 29.0249,
-22.9125)

Have a look what the booklet for
YUV(121.1260, 29.0249, -22.9125)
contains.

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Color

**YUV(121.1260, 29.0249,
-22.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7BB4
RGB	95, 123, 180
RGB Percent	37%, 48%, 71%
CMY	0.6275, 0.5176, 0.2941
CMYK	0.47, 0.32, 0.00, 0.29
HSL	220°, 36%, 54%
HSV	220°, 47%, 71%
XYZ	20.0405, 19.8941, 45.9637
YIQ	121.1260, -34.9850, 11.7910

Conversions

Conversions Part 2

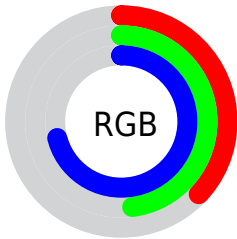
Format	Color
R_{YB}	95, 116, 180
Decimal	6257588
CIE _{Lab}	51.72, 5.71, -33.28
CIE _{LCh}	52, 33.764, 279.738
Yxy	19.8941, 0.2333, 0.2316
Android (android.graphics.Color)	4284447668 (0xFF5F7BB4)
YUV	121.1260, 29.0249, -22.9125
Hunter-Lab	44.6028, 2.1470, -29.8771

Details

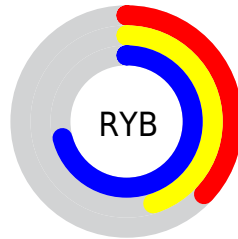
The YUV color $121.1260, 29.0249, -22.9125$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $153.8740, -29.0249, 22.9125$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.1800, 30.4773, -22.0829$, and $70.4630, 27.8727, -26.7161$ is the 20% darker color. If you saturate the color by 10%, you get $108.7000, 35.1509, -27.8009$, and if you desaturate by 10%, it is $133.5520, 22.8989, -18.0241$.

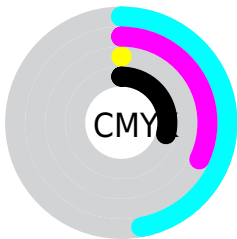
Distribution



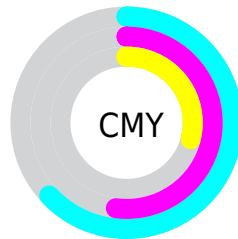
- Red (37%)
- Green (48%)
- Blue (71%)



- Red (37%)
- Yellow (45%)
- Blue (71%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1260, 29.0249, -22.9125 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 121.1260, 29.0249, -22.9125 by changing the saturation by 10% instead.

■ 121.1260, 29.0249,
-22.9125

■ 121.1260, 29.0249,
-22.9125

■ 255.0000, 0.0000,
0.0000

■ 95.3000, 28.4461,
-23.9421

■ 174.1800, 30.4773,
-22.0829

■ 70.4630, 27.8727,
-26.7161

■ 201.1540, 26.5461,
-21.1831

■ 42.1520, 29.5051,
-36.9673

■ 226.2610, 14.1683,
-17.7689

■ 27.5620, 24.3729,
-24.1719

■ 249.0200, 2.9481,
-12.2955

■ 9.6780, 21.8507,
-8.4876

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 121.1260, 29.0249,
-22.9125

■ 121.1260, 29.0249,
-22.9125

■ 108.7000, 35.1509,
-27.8009

■ 133.5520, 22.8989,
-18.0241

■ 96.2740, 41.2769,
-32.6893

■ 145.9780, 16.7728,
-13.1357

■ 83.8480, 47.4029,
-37.5777

■ 158.4040, 10.6468,
-8.2473

■ 71.4220, 53.5290,
-42.4661

■ 170.8300, 4.5208,
-3.3589

■ 58.9960, 59.6550,
-47.3545

■ 183.2560, -1.6052,
1.5295

■ 55.1530, 61.5496,
-48.3692

■ 195.6820, -7.7312,
6.4179

■ 208.1080,
-13.8572, 11.3063

■ 221.1210,
-20.2727, 15.6799

■ 232.9490,
-26.1039, 19.3387

Harmonies

Analogous

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



107.2300, 34.3966, -65.9767



121.1260, 29.0249, -22.9125



126.1580, 20.6281, 10.3854

Triad

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



121.1260, 29.0249, -22.9125



123.9920, -17.7441, 44.7340



110.8840, -4.3798, -41.9943

Complementary

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



121.1260, 29.0249, -22.9125



153.8740, -29.0249, 22.9125

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.



116.5750, -19.0175, -13.6593



121.1260, 29.0249, -22.9125



122.6130, -26.4312, 31.0344

Square

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



121.1260, 29.0249, -22.9125



125.3310, -5.0932, 47.0677



120.2530, -27.2397, 10.3021



96.0540, 17.7214, -84.2394

Rectangle

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



121.1260, 29.0249, -22.9125



127.2050, 12.7169, 27.8842



120.2530, -27.2397, 10.3021



113.4570, -10.0853, -31.9728

Sweetspot

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



121.1260, 29.0249, -22.9125



212.2190, 11.2310, -8.9621



151.3930, 0.2993, -49.4567



103.3890, 6.7102, -5.6032



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



121.1260, 29.0249, -22.9125



142.1040, 45.7977, -36.0482



108.8760, 35.0641, 0.1087



82.7870, 3.0630, -2.4442



46.7920, 52.3605, -41.0366



7.6600, 9.0416, -6.7178

Inverse Universe

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



123.6070, -0.2993, 49.4567



146.0820, -0.5334, 77.9811



166.1240, -35.0641, -0.1087



83.0330, -0.0163, 5.2331



51.4470, -0.7134, 89.0620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 121.1260, 29.0249, -22.9125 looks on a white background.

Color Contrast Check

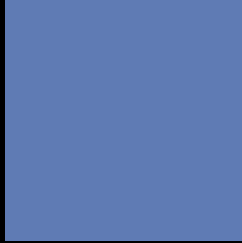
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1260, 29.0249, -22.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

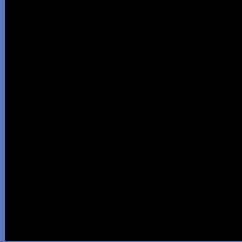
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

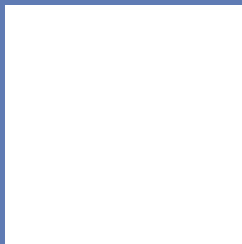
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.1260, 29.0249, -22.9125

Background



This preview shows how black text looks on a background with the YUV color 121.1260, 29.0249, -22.9125.



This preview shows how white text looks on a background with the YUV color 121.1260, 29.0249, -22.9125.

-22.9125.

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

121.1260, 29.0249, -22.9125

Protanopia

122.4150, 27.4034, -16.1500

Deuteranopia

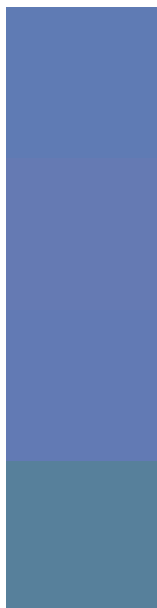
121.7350, 28.7246, -19.9386



Tritanopia

117.7880, 11.4435, -30.5091

Trichromacy



Original Color

121.1260, 29.0249, -22.9125

Protanomaly

122.2190, 27.9930, -18.6091

Deuteranomaly

121.4360, 28.8721, -20.5534

Tritanomaly

118.8190, 17.8372, -27.9053

Monochromacy



Original Color

121.1260, 29.0249, -22.9125

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1260, 29.0249, -22.9125 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(95, 123, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 180)  
}
```

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(95, 123, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 180) }
```

Border

The CSS property to change the border of an element to YUV 121.1260, 29.0249, -22.9125 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(95, 123, 180) }
```


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

```
.border{ border-color:rgb(95, 123, 180) }
```

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

Here you see how a box with a 4 pixel rgb(95, 123, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 121.1260, 29.0249, -22.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 180) }
```

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

```
.background{ background-color: rgb(95, 123,  
180) }
```

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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