

Converting Colors

YUV(119.3650, 29.8931,
-21.3681)

Have a look what the booklet for
YUV(119.3650, 29.8931, -21.3681)
contains.

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Color

**YUV(119.3650, 29.8931,
-21.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	5F78B4
RGB	95, 120, 180
RGB Percent	37%, 47%, 71%
CMY	0.6275, 0.5294, 0.2941
CMYK	0.47, 0.33, 0.00, 0.29
HSL	222°, 36%, 54%
HSV	222°, 47%, 71%
XYZ	19.6740, 19.1611, 45.8416
YIQ	119.3650, -34.1600, 13.3600

Conversions

Conversions Part 2

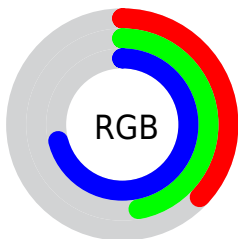
Format	Color
R _Y B	95, 114, 180
Decimal	6256820
CIE Lab	50.88, 7.52, -34.60
CIE LCh	51, 35.403, 282.256
Yxy	19.1611, 0.2323, 0.2263
Android (android.graphics.Color)	4284446900 (0xFF5F78B4)
YUV	119.3650, 29.8931, -21.3681
Hunter-Lab	43.7734, 3.6235, -31.4498

Details

The YUV color **119.3650, 29.8931, -21.3681** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **155.6350, -29.8931, 21.3681**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4190, 31.3454, -20.5385**, and **68.7020, 28.7409, -25.1717** is the 20% darker color. If you saturate the color by 10%, you get **106.3520, 36.3085, -25.7417**, and if you desaturate by 10%, it is **132.3780, 23.4776, -16.9945**.

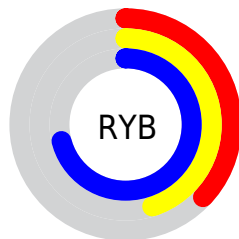
Distribution



Red (37%)

Green (47%)

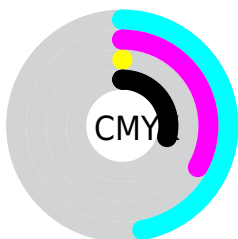
Blue (71%)



Red (37%)

Yellow (45%)

Blue (71%)

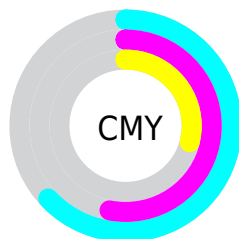


Cyan (47%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3650, 29.8931, -21.3681 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 119.3650, 29.8931, -21.3681 by changing the saturation by 10% instead.

■ 119.3650, 29.8931,
-21.3681

■ 119.3650, 29.8931,
-21.3681

■ 255.0000, 0.0000,
0.0000

■ 93.5390, 29.3143,
-22.3977

■ 172.4190, 31.3454,
-20.5385

■ 68.7020, 28.7409,
-25.1717

■ 198.8060, 27.7036,
-19.1239

■ 40.9780, 30.0838,
-35.9377

■ 223.9130, 15.3259,
-15.7097

■ 25.8010, 25.2411,
-22.6275

■ 249.0200, 2.9481,
-12.2955

■ 7.3300, 23.0083,
-6.4284

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 119.3650, 29.8931,
-21.3681

■ 119.3650, 29.8931,
-21.3681

■ 106.3520, 36.3085,
-25.7417

■ 132.3780, 23.4776,
-16.9945

■ 93.9260, 42.4345,
-30.6301

■ 144.8040, 17.3516,
-12.1061

■ 80.9130, 48.8499,
-35.0037

■ 157.8170, 10.9362,
-7.7325

■ 67.9000, 55.2653,
-39.3773

■ 170.8300, 4.5208,
-3.3589

■ 54.8870, 61.6807,
-43.7509

■ 183.8430, -1.8946,
1.0147

■ 51.6310, 63.2859,
-45.2804

■ 196.2690, -8.0206,
5.9031

■ 209.2820,
-14.4360, 10.2767

■ 222.2950,
-20.8514, 14.6503

■ 234.1230,
-26.6826, 18.3091

Harmonies

Analogous

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



101.9950, 37.4705, -71.9096



119.3650, 29.8931, -21.3681



124.7670, 20.3279, 13.3593

Triad

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



119.3650, 29.8931, -21.3681



121.5360, -19.4912, 45.1339



107.0080, -2.4689, -48.2420

Complementary

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



119.3650, 29.8931, -21.3681



155.6350, -29.8931, 21.3681

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.



113.5530, -19.0066, -17.1480



119.3650, 29.8931, -21.3681



119.8580, -28.0310, 30.8195

Square

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



119.3650, 29.8931, -21.3681



123.0000, -6.4090, 49.1120



117.3130, -28.2553, 9.3725



95.5810, 18.4476, -83.8245

Rectangle

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



119.3650, 29.8931, -21.3681



125.1130, 12.2693, 31.4729



117.3130, -28.2553, 9.3725



109.4780, -8.6167, -36.3762

Sweetspot

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



119.3650, 29.8931, -21.3681



211.0450, 11.8098, -7.9325



151.7350, 1.6096, -49.7566



102.8020, 6.9996, -5.0884



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.



119.3650, 29.8931, -21.3681



139.1690, 47.2447, -33.4742



109.7730, 34.6219, 1.9531



82.7870, 3.0630, -2.4442



43.8570, 53.8075, -38.4626



7.0730, 9.3310, -6.2030

Inverse Universe

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



123.2650, -1.6096, 49.7566



145.5120, -2.7174, 78.4810



165.2270, -34.6219, -1.9531



83.0330, -0.0163, 5.2331



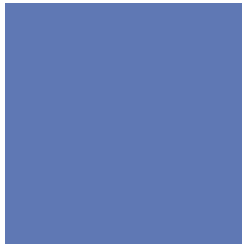
50.8770, -2.8974, 89.5619



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 119.3650, 29.8931, -21.3681 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 119.3650, 29.8931, -21.3681 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

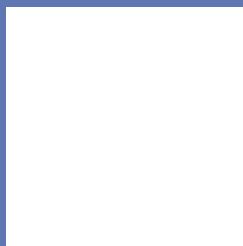
Any Text WCAG AAA × Fail

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

YUV 119.3650, 29.8931, -21.3681 Background



This preview shows how black text looks on a background with the YUV color 119.3650, 29.8931, -21.3681.



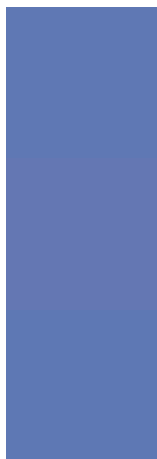
This preview shows how white text looks on a background with the YUV color 119.3650, 29.8931, -21.3681.

-21.3681.

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

119.3650, 29.8931, -21.3681

Protanopia

120.1590, 29.0086, -17.6794

Deuteranopia

119.0660, 30.0405, -21.9829



Tritanopia

115.7990, 11.4381, -28.7647

Trichromacy



Original Color

119.3650, 29.8931, -21.3681

Protanomaly

119.5610, 29.3034, -18.9090

Deuteranomaly

119.0660, 30.0405, -21.9829

Tritanomaly

116.9440, 18.2686, -26.2609

Monochromacy



Original Color

119.3650, 29.8931, -21.3681

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8170, 10.9362, -7.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3650, 29.8931, -21.3681 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, 120, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 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, 120, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 180) }
```

Border

The CSS property to change the border of an element to YUV 119.3650, 29.8931, -21.3681 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, 120, 180) }
```


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

```
.border{ border-color:rgb(95, 120, 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, 120, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 119.3650, 29.8931, -21.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 180) }
```

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

```
.background{ background-color: rgb(95, 120,  
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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