

Converting Colors

YUV(122.3620, 37.7825,
-31.8895)

Have a look what the booklet for
YUV(122.3620, 37.7825, -31.8895)
contains.

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Color

**YUV(122.3620, 37.7825,
-31.8895)**

Conversions

Conversions Part 1

Format	Color
Hex	567EC7
RGB	86, 126, 199
RGB Percent	34%, 49%, 78%
CMY	0.6627, 0.5059, 0.2196
CMYK	0.57, 0.37, 0.00, 0.22
HSL	219°, 50%, 56%
HSV	219°, 57%, 78%
XYZ	21.6074, 21.0237, 56.9520
YIQ	122.3620, -47.2730, 14.2230

Conversions

Conversions Part 2

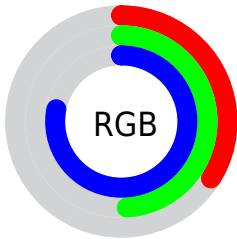
Format	Color
R _Y B	86, 116, 199
Decimal	5668551
CIE Lab	52.98, 7.85, -42.22
CIE LCh	53, 42.944, 280.533
Yxy	21.0237, 0.2170, 0.2111
Android (android.graphics.Color)	4283858631 (0xFF567EC7)
YUV	122.3620, 37.7825, -31.8895
Hunter-Lab	45.8516, 3.8773, -41.5477

Details

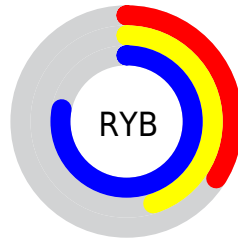
The YUV color **122.3620, 37.7825, -31.8895** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **162.6380, -37.7825, 31.8895**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3130, 38.7927, -29.2155**, and **67.1000, 38.4047, -44.8147** is the 20% darker color. If you saturate the color by 10%, you get **108.7510, 44.4928, -37.4926**, and if you desaturate by 10%, it is **135.9730, 31.0723, -26.2863**.

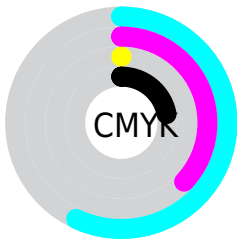
Distribution



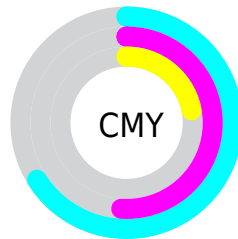
- Red (34%)
- Green (49%)
- Blue (78%)



- Red (34%)
- Yellow (45%)
- Blue (78%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3620, 37.7825, -31.8895 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 122.3620, 37.7825, -31.8895 by changing the saturation by 10% instead.

■ 122.3620, 37.7825,
-31.8895

■ 122.3620, 37.7825,
-31.8895

255.0000, 0.0000,
0.0000

■ 95.5250, 37.2092,
-34.6634

■ 176.3130, 38.7927,
-29.2155

■ 67.1000, 38.4047,
-44.8147

■ 201.4200, 26.4149,
-25.8013

■ 45.8510, 36.0625,
-40.2113

■ 226.5270, 14.0372,
-22.3872

■ 31.1470, 30.4935,
-27.3159

■ 247.5250, 3.6852,
-15.3694

■ 14.9100, 26.6664,
-13.0761

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 122.3620, 37.7825,
-31.8895

■ 122.3620, 37.7825,
-31.8895

■ 108.7510, 44.4928,
-37.4926

■ 135.9730, 31.0723,
-26.2863

■ 95.1400, 51.2030,
-43.0958

■ 149.5840, 24.3621,
-20.6832

■ 81.5290, 57.9132,
-48.6989

■ 163.1950, 17.6519,
-15.0800

■ 68.5050, 64.3340,
-54.8169

■ 176.2190, 11.2310,
-8.9621

■ 63.7760, 66.6654,
-55.9316

■ 189.8300, 4.5208,
-3.3589

■ 203.1420, -2.0420,
1.6295

■ 216.7530, -8.7522,
7.2326

■ 230.3640,
-15.4625, 12.8358

■ 240.9850,
-20.6986, 12.2912

Harmonies

Analogous

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



102.7630, 45.9658, -90.1232



122.3620, 37.7825, -31.8895



130.2600, 26.0008, 13.8040

Triad

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



122.3620, 37.7825, -31.8895



125.5050, -22.4340, 55.6851



105.9200, -2.4256, -62.1968

Complementary

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



122.3620, 37.7825, -31.8895



162.6380, -37.7825, 31.8895

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.



117.1630, -24.2374, -19.4370



122.3620, 37.7825, -31.8895



124.7080, -33.8730, 37.9671

Square

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



122.3620, 37.7825, -31.8895



127.1800, -6.0047, 59.4781



121.7880, -35.3915, 11.5869



100.9610, 18.7532, -88.5428

Rectangle

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



122.3620, 37.7825, -31.8895



129.8840, 16.3262, 36.9357



121.7880, -35.3915, 11.5869



111.7390, -11.2103, -44.4981

Sweetspot

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



122.3620, 37.7825, -31.8895



225.7070, 14.4414, -12.0210



160.5390, -1.2517, -65.3707



110.2470, 8.7522, -7.2326



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.



122.3620, 37.7825, -31.8895



137.5290, 57.9132, -48.6989



103.3670, 47.1471, -2.0759



92.7870, 3.0630, -2.4442



52.6280, 54.4134, -46.1548



11.7350, 11.9626, -10.2916

Inverse Universe

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



124.3470, 0.8149, 65.4707



140.6810, 1.1433, 100.2578



181.6330, -47.1471, 2.0759



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 122.3620, 37.7825, -31.8895 looks on a white background.

Color Contrast Check

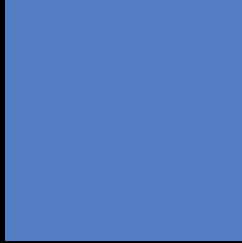
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.3620, 37.7825, -31.8895 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 122.3620, 37.7825, -31.8895 Background



This preview shows how black text looks on a background with the YUV color 122.3620, 37.7825, -31.8895.



This preview shows how white text looks on a background with the YUV color 122.3620, 37.7825, -31.8895.

-31.8895.

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

122.3620, 37.7825, -31.8895

Protanopia

124.8470, 35.5714, -22.6678

Deuteranopia

122.3620, 37.7825, -31.8895



Tritanopia

117.0250, 15.2707, -44.7489

Trichromacy



Original Color

122.3620, 37.7825, -31.8895

Protanomaly

124.0530, 36.4559, -26.3565

Deuteranomaly

122.3620, 37.7825, -31.8895

Tritanomaly

118.9360, 23.6956, -40.2859

Monochromacy



Original Color

122.3620, 37.7825, -31.8895

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8920, 13.8572, -11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3620, 37.7825, -31.8895 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(86, 126, 199)` looks like.

```
.text, #text, p{  
    color:rgb(86, 126, 199)  
}
```

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(86, 126, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 126, 199) }
```

Border

The CSS property to change the border of an element to YUV 122.3620, 37.7825, -31.8895 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(86, 126, 199) }
```


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

```
.border{ border-color:rgb(86, 126, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 126, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 126, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 126, 199);  
box-shadow:4px 4px 4px 4px rgb(86, 126,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 122.3620, 37.7825, -31.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 126, 199) }
```

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

```
.background{ background-color: rgb(86, 126,  
199) }
```

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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