

Converting Colors

YUV(120.4420, 43.1661,
-31.9596)

Have a look what the booklet for
YUV(120.4420, 43.1661, -31.9596)
contains.

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Color

**YUV(120.4420, 43.1661,
-31.9596)**

Conversions

Conversions Part 1

Format	Color
Hex	547AD0
RGB	84, 122, 208
RGB Percent	33%, 48%, 82%
CMY	0.6706, 0.5216, 0.1843
CMYK	0.60, 0.41, 0.00, 0.18
HSL	222°, 57%, 57%
HSV	222°, 60%, 82%
XYZ	22.0009, 20.3580, 62.4444
YIQ	120.4420, -50.2540, 18.6900

Conversions

Conversions Part 2

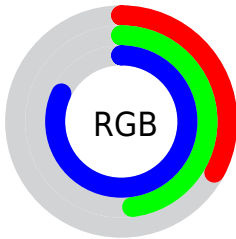
Format	Color
R_{YB}	84, 113, 208
Decimal	5536464
CIE _{Lab}	52.24, 12.86, -48.51
CIE _{LCh}	52, 50.188, 284.851
Yxy	20.3580, 0.2099, 0.1942
Android (android.graphics.Color)	4283726544 (0xFF547AD0)
YUV	120.4420, 43.1661, -31.9596
Hunter-Lab	45.1198, 8.0787, -50.4717

Details

The YUV color **120.4420, 43.1661, -31.9596** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **171.5580, -43.1661, 31.9596**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9650, 39.9503, -27.1563**, and **60.8800, 45.4152, -53.3918** is the 20% darker color. If you saturate the color by 10%, you get **105.9450, 50.3131, -37.6628**, and if you desaturate by 10%, it is **134.9390, 36.0191, -26.2565**.

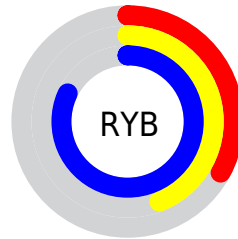
Distribution



Red (33%)

Green (48%)

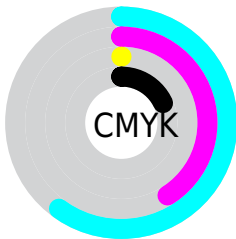
Blue (82%)



Red (33%)

Yellow (44%)

Blue (82%)

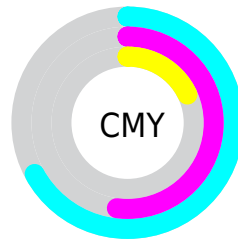


Cyan (60%)

Magenta (41%)

Yellow (0%)

Black (18%)



Cyan (67%)

Magenta (52%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4420, 43.1661, -31.9596 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 120.4420, 43.1661, -31.9596 by changing the saturation by 10% instead.

■ 120.4420, 43.1661,
-31.9596

■ 120.4420, 43.1661,
-31.9596

255.0000, 0.0000,
0.0000

■ 93.0070, 42.8875,
-35.9631

■ 173.9650, 39.9503,
-27.1563

■ 60.8800, 45.4152,
-53.3918

■ 198.4850, 27.8619,
-23.2273

■ 45.0020, 40.4250,
-39.4668

■ 223.5920, 15.4841,
-19.8132

■ 30.2980, 34.8561,
-26.5713

■ 247.8240, 3.5378,
-14.7546

■ 12.8870, 31.6077,
-11.3019

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 120.4420, 43.1661,
-31.9596

■ 120.4420, 43.1661,
-31.9596

■ 105.9450, 50.3131,
-37.6628

■ 134.9390, 36.0191,
-26.2565

■ 90.8610, 57.7495,
-42.8511

■ 150.0230, 28.5827,
-21.0682

■ 76.6630, 64.7491,
-47.9395

■ 164.2210, 21.5830,
-15.9798

■ 61.5790, 72.1856,
-53.1278

■ 179.3050, 14.1466,
-10.7915

■ 61.2800, 72.3330,
-53.7426

■ 193.8020, 6.9996,
-5.0884

■ 208.8860, -0.4368,
0.1000

■ 223.3830, -7.5838,
5.8031

■ 237.5810,
-14.5834, 10.8915

■ 247.8810,
-19.6613, 6.2434

Harmonies

Analogous

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



103.4300, 51.0600, -90.7081



120.4420, 43.1661, -31.9596



128.2980, 28.4471, 22.5407

Triad

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



120.4420, 43.1661, -31.9596



122.7570, -27.9812, 61.6031



96.0420, 2.4443, -84.2288

Complementary

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



120.4420, 43.1661, -31.9596



171.5580, -43.1661, 31.9596

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.



111.7550, -25.5152, -29.6031



120.4420, 43.1661, -31.9596



121.3570, -41.5880, 39.1519

Square

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



120.4420, 43.1661, -31.9596



123.1490, -8.9475, 70.0293



117.4580, -41.6378, 8.3683



101.6450, 21.3740, -89.1427

Rectangle

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



120.4420, 43.1661, -31.9596



127.4770, 17.0198, 47.8167



117.4580, -41.6378, 8.3683



98.8280, -6.3242, -71.7632

Sweetspot

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



120.4420, 43.1661, -31.9596



222.4620, 16.0412, -11.8062



166.4780, 1.2433, -72.3332



107.5890, 10.0626, -7.5326



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.



120.4420, 43.1661, -31.9596



125.4350, 63.8755, -47.7395



105.0130, 50.7726, 1.7426



97.0150, 3.9366, -2.6442



49.6760, 58.3337, -43.5659



12.3050, 14.1466, -10.7915

Inverse Universe

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



125.4080, -1.6801, 72.4332



132.5140, -2.2254, 107.4202



186.9870, -50.7726, -1.7426



97.6310, -0.3111, 6.4626



56.1600, -2.0509, 98.0837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 120.4420, 43.1661, -31.9596 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 120.4420, 43.1661, -31.9596 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 120.4420, 43.1661, -31.9596 Background



This preview shows how black text looks on a background with the YUV color 120.4420, 43.1661, -31.9596.



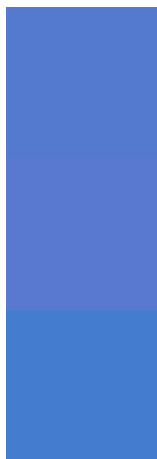
This preview shows how white text looks on a background with the YUV color 120.4420, 43.1661, -31.9596.

-31.9596.

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

120.4420, 43.1661, -31.9596

Protanopia

120.9370, 42.4291, -28.8857

Deuteranopia

117.3050, 44.2196, -43.2405



Tritanopia

112.9320, 16.3025, -49.0524

Trichromacy



Original Color

120.4420, 43.1661, -31.9596

Protanomaly

120.6380, 42.5765, -29.5005

Deuteranomaly

118.5120, 43.6246, -39.0370

Tritanomaly

115.6090, 26.3218, -42.6301

Monochromacy



Original Color

120.4420, 43.1661, -31.9596

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3480, 15.6044, -11.7062

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4420, 43.1661, -31.9596 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(84, 122, 208)` looks like.

```
.text, #text, p{  
    color:rgb(84, 122, 208)  
}
```

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(84, 122, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 122, 208) }
```

Border

The CSS property to change the border of an element to YUV 120.4420, 43.1661, -31.9596 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(84, 122, 208) }
```


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

```
.border{ border-color:rgb(84, 122, 208) }
```

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

Here you see how a box with a 4 pixel rgb(84, 122, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 122, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 122, 208);  
box-shadow:4px 4px 4px 4px rgb(84, 122,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 120.4420, 43.1661, -31.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 122, 208) }
```

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

```
.background{ background-color: rgb(84, 122,  
208) }
```

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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