

Converting Colors

YUV(120.9220, 31.5905,
-52.5516)

Have a look what the booklet for
YUV(120.9220, 31.5905, -52.5516)
contains.

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Color

**YUV(120.9220, 31.5905,
-52.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	3D8BB9
RGB	61, 139, 185
RGB Percent	24%, 55%, 73%
CMY	0.7608, 0.4549, 0.2745
CMYK	0.67, 0.25, 0.00, 0.27
HSL	202°, 50%, 48%
HSV	202°, 67%, 73%
XYZ	19.9140, 22.9601, 49.2811
YIQ	120.9220, -61.2540, -2.2300

Conversions

Conversions Part 2

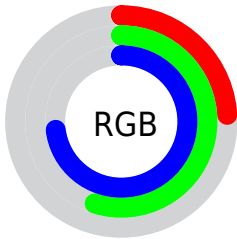
Format	Color
R_{YB}	61, 109, 185
Decimal	4033465
CIE Lab	55.03, -9.20, -31.09
CIE LCh	55, 32.422, 253.514
Yxy	22.9601, 0.2161, 0.2491
Android (android.graphics.Color)	4282223545 (0xFF3D8BB9)
YUV	120.9220, 31.5905, -52.5516
Hunter-Lab	47.9167, -9.6702, -27.4365

Details

The YUV color **120.9220, 31.5905, -52.5516** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **125.0780, -31.5905, 52.5516**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3570, 31.8690, -48.5481**, and **67.2910, 31.9015, -59.0142** is the 20% darker color. If you saturate the color by 10%, you get **111.4310, 36.2695, -60.0140**, and if you desaturate by 10%, it is **130.7120, 26.7640, -44.4744**.

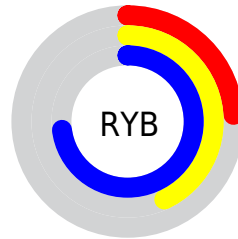
Distribution



Red (24%)

Green (55%)

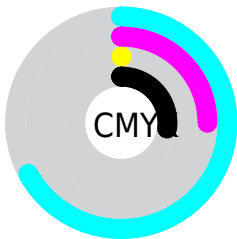
Blue (73%)



Red (24%)

Yellow (43%)

Blue (73%)

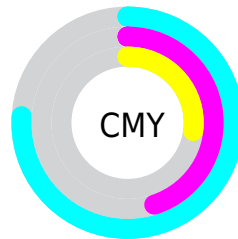


Cyan (67%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (76%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9220, 31.5905, -52.5516 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 120.9220, 31.5905, -52.5516 by changing the saturation by 10% instead.

■ 120.9220, 31.5905,
-52.5516

■ 120.9220, 31.5905,
-52.5516

■ 255.0000, 0.0000,
0.0000

■ 91.2090, 32.9280,
-61.5733

■ 176.3570, 31.8690,
-48.5481

■ 67.2910, 31.9015,
-59.0142

■ 203.0600, 25.6064,
-46.5336

■ 50.8260, 27.2008,
-44.5744

■ 228.7540, 12.9393,
-43.6343

■ 35.1760, 23.0842,
-30.8494

■ 241.2460, 6.7807,
-28.2797

■ 20.7000, 18.3889,
-18.1539

■ 249.9170, 2.5059,
-10.4512

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 120.9220, 31.5905,
-52.5516

■ 120.9220, 31.5905,
-52.5516

■ 111.4310, 36.2695,
-60.0140

■ 130.7120, 26.7640,
-44.4744

■ 101.6410, 41.0960,
-68.0912

■ 140.2030, 22.0849,
-37.0120

■ 92.1500, 45.7751,
-75.5535

■ 149.9930, 17.2585,
-28.9349

■ 89.1820, 47.2383,
-78.2126

■ 158.8970, 12.8688,
-20.9577

■ 168.6870, 8.0423,
-12.8805

■ 178.1780, 3.3632,
-5.4181

■ 187.9680, -1.4632,
2.6591

■ 197.4590, -6.1423,
10.1215

■ 207.2490,
-10.9688, 18.1986

Harmonies

Analogous

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



104.4950, 32.2940, -91.6421



120.9220, 31.5905, -52.5516



130.7030, 27.2614, -17.2795

Triad

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



120.9220, 31.5905, -52.5516



133.8640, -6.8350, 45.7233



124.7210, -17.1175, -16.4183

Complementary

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



120.9220, 31.5905, -52.5516



125.0780, -31.5905, 52.5516

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.



128.2850, -25.7765, 7.6431



120.9220, 31.5905, -52.5516



132.3400, -18.9016, 42.6748

Square

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



120.9220, 31.5905, -52.5516



135.5390, 6.1433, 36.3613



131.0040, -26.1310, 28.0605



119.7420, -2.3378, -43.6237

Rectangle

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



120.9220, 31.5905, -52.5516



134.1680, 22.1022, 4.2377



131.0040, -26.1310, 28.0605



126.1520, -20.7809, -8.0263

Sweetspot

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



120.9220, 31.5905, -52.5516



215.0820, 12.2846, -20.2429



138.9180, -16.2286, -68.3341



104.8720, 7.4581, -12.1657



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



120.9220, 31.5905, -52.5516



140.9150, 48.8489, -81.4865



85.1150, 49.2433, -21.1489



86.9610, 2.4842, -3.4738



75.3100, 39.7802, -66.0469



13.7580, 7.0213, -12.0658

Inverse Universe

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



106.9680, 15.7918, 68.4341



119.2020, 24.5504, 105.9398



160.8850, -49.2433, 21.1489



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 120.9220, 31.5905, -52.5516 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 120.9220, 31.5905, -52.5516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

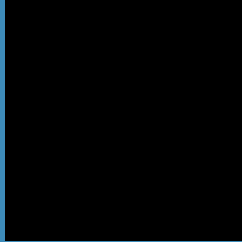
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9220, 31.5905, -52.5516

Background



This preview shows how black text looks on a background with the YUV color 120.9220, 31.5905, -52.5516.

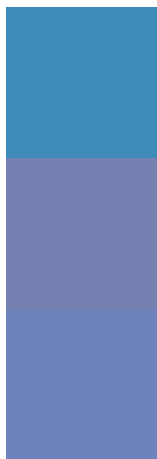


This preview shows how white text looks on a background with the YUV color 120.9220, 31.5905, -52.5516.

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

120.9220, 31.5905, -52.5516

Protanopia

130.8840, 22.7352, -12.1763

Deuteranopia

130.5180, 27.8456, -17.9943



Tritanopia

115.4680, 19.9823, -62.6774

Trichromacy



Original Color

120.9220, 31.5905, -52.5516

Protanomaly

127.5940, 25.8362, -26.8309

Deuteranomaly

126.7830, 29.1940, -30.5047

Tritanomaly

117.3420, 24.4814, -59.0589

Monochromacy



Original Color

120.9220, 31.5905, -52.5516

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9220, 31.5905, -52.5516 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(61, 139, 185)` looks like.

```
.text, #text, p{  
    color:rgb(61, 139, 185)  
}
```

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(61, 139, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 139, 185) }
```

Border

The CSS property to change the border of an element to YUV 120.9220, 31.5905, -52.5516 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(61, 139, 185) }
```


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

```
.border{ border-color:rgb(61, 139, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 139, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 139, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 139, 185);  
box-shadow:4px 4px 4px 4px rgb(61, 139,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 120.9220, 31.5905, -52.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 139, 185) }
```

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

```
.background{ background-color: rgb(61, 139,  
185) }
```

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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