

Converting Colors

YUV(127.4500, 31.3302,
31.1774)

Have a look what the booklet for
YUV(127.4500, 31.3302, 31.1774)
contains.

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Color

**YUV(127.4500, 31.3302,
31.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	A361BF
RGB	163, 97, 191
RGB Percent	64%, 38%, 75%
CMY	0.3608, 0.6196, 0.2510
CMYK	0.15, 0.49, 0.00, 0.25
HSL	282°, 42%, 56%
HSV	282°, 49%, 75%
XYZ	28.7829, 20.0975, 51.6524
YIQ	127.4500, 9.1620, 43.2260

Conversions

Conversions Part 2

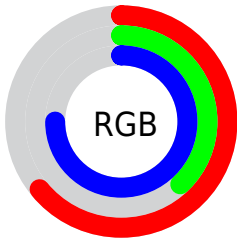
Format	Color
R_{YB}	163, 97, 191
Decimal	10707391
CIE _{Lab}	51.95, 42.89, -38.83
CIE _{LCh}	52, 57.856, 317.843
Yxy	20.0975, 0.2863, 0.1999
Android (android.graphics.Color)	4288897471 (0xFFA361BF)
YUV	127.4500, 31.3302, 31.1774
Hunter-Lab	44.8302, 36.1517, -36.9314

Details

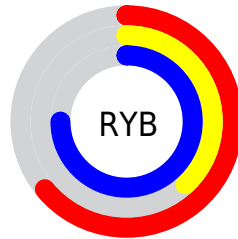
The YUV color **127.4500, 31.3302, 31.1774** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **160.5500, -31.3301, -31.1773**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1020, 32.4877, 33.2365**, and **75.7980, 30.1726, 29.1182** is the 20% darker color. If you saturate the color by 10%, you get **114.5030, 37.7130, 37.2699**, and if you desaturate by 10%, it is **140.3970, 24.9473, 25.0848**.

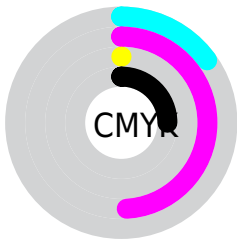
Distribution



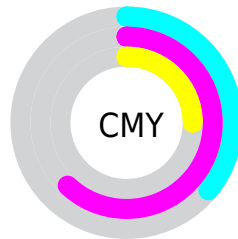
- Red (64%)
- Green (38%)
- Blue (75%)



- Red (64%)
- Yellow (38%)
- Blue (75%)



- Cyan (15%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4500, 31.3302, 31.1774 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 127.4500, 31.3302, 31.1774 by changing the saturation by 10% instead.

127.4500, 31.3302,
31.1774

127.4500, 31.3302,
31.1774

255.0000, 0.0000,
0.0000

101.6240, 30.7514,
30.1478

182.1020, 32.4877,
33.2365

75.7980, 30.1726,
29.1182

207.4200, 23.4569,
36.4657

49.2110, 30.4620,
29.6330

225.6500, 14.4696,
25.7400

26.8470, 29.1624,
26.4442

242.0860, 6.3666,
11.3256

17.6470, 22.3590,
15.2186

4.5600, 17.4719,
-3.9991

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 127.4500, 31.3302,
31.1774

■ 127.4500, 31.3302,
31.1774

■ 114.5030, 37.7130,
37.2699

■ 140.3970, 24.9473,
25.0848

■ 101.8550, 43.9485,
43.9772

■ 153.0450, 18.7118,
18.3775

■ 88.9080, 50.3314,
50.0697

■ 165.9920, 12.3289,
12.2850

■ 75.9610, 56.7142,
56.1622

■ 178.9390, 5.9461,
6.1925

■ 62.7260, 63.2391,
63.3843

■ 192.1740, -0.5788,
-1.0296

61.8400, 63.6759,
63.2843

205.1210, -6.9617,
-7.1221

218.0680,
-13.3445, -13.2146

231.0150,
-19.7274, -19.3072

235.4450,
-21.9114, -18.8073

Harmonies

Analogous

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



119.0380, 49.2813, -33.3593



127.4500, 31.3302, 31.1774



122.5400, 11.5658, 70.5634

Triad

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



127.4500, 31.3302, 31.1774



117.3930, -52.9447, 41.7513



103.7310, 24.2896, -90.9721

Complementary

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



127.4500, 31.3302, 31.1774



160.5500, -31.3301, -31.1773

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.



97.2160, 1.8655, -85.2584



127.4500, 31.3302, 31.1774



112.9880, -52.2521, 6.1495

Square

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



127.4500, 31.3302, 31.1774



119.6070, -33.8233, 68.7507



106.3360, -26.7876, -41.5137



106.9860, 44.3769, -93.8267

Rectangle

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



127.4500, 31.3302, 31.1774



119.7080, -3.3070, 80.9401



106.3360, -26.7876, -41.5137



101.7930, 16.8641, -89.2725

Sweetspot

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



127.4500, 31.3302, 31.1774



221.9920, 12.3289, 12.2850



124.1520, 32.9561, -23.8123



109.4060, 7.6878, 7.5369



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



127.4500, 31.3302, 31.1774



148.4410, 48.5896, 48.7252



133.6560, 18.9036, 50.2907



88.1190, 2.8993, 3.4036



51.2010, 52.6519, 52.4437



9.8130, 10.4452, 9.8110

Inverse Universe

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



128.2980, -1.6259, 54.9897



149.6700, -2.3023, 85.3584



154.3440, -18.9036, -50.2907



88.0330, -0.0163, 5.2331



52.6000, -2.7608, 92.4358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 127.4500, 31.3302, 31.1774 looks on a white background.

Color Contrast Check

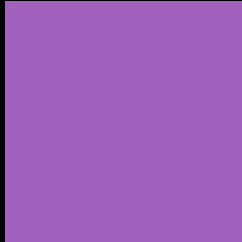
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4500, 31.3302, 31.1774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

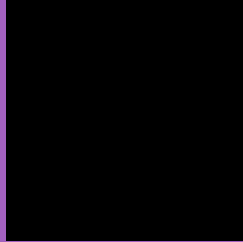
Any Text WCAG AA ✓ Pass

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 127.4500, 31.3302, 31.1774 Background



This preview shows how black text looks on a background with the YUV color 127.4500, 31.3302, 31.1774.



This preview shows how white text looks on a background with the YUV color 127.4500, 31.3302,

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

127.4500, 31.3302, 31.1774

Protanopia

120.4250, 45.6395, -31.9447

Deuteranopia

122.6960, 31.2089, -23.4124



Tritanopia

125.9860, -1.9651, 23.6913

Trichromacy



Original Color

127.4500, 31.3302, 31.1774

Protanomaly

122.9010, 40.4748, -8.6832

Deuteranomaly

124.2300, 31.4386, -3.7097

Tritanomaly

126.5100, 10.1016, 26.7397

Monochromacy



Original Color

127.4500, 31.3302, 31.1774

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0520, 11.3134, 11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4500, 31.3302, 31.1774 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(163, 97, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 97, 191)  
}
```

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(163, 97, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 97, 191) }
```

Border

The CSS property to change the border of an element to YUV 127.4500, 31.3302, 31.1774 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(163, 97, 191) }
```


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

```
.border{ border-color:rgb(163, 97, 191) }
```

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

Here you see how a box with a 4 pixel rgb(163, 97, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 97, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 97, 191);  
box-shadow:4px 4px 4px 4px rgb(163, 97,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 127.4500, 31.3302, 31.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 97, 191) }
```

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

```
.background{ background-color: rgb(163, 97,  
191) }
```

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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