

Converting Colors

YUV(127.7320, 33.6561,
31.8070)

Have a look what the booklet for
YUV(127.7320, 33.6561, 31.8070)
contains.

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Color

**YUV(127.7320, 33.6561,
31.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	A460C4
RGB	164, 96, 196
RGB Percent	64%, 38%, 77%
CMY	0.3569, 0.6235, 0.2314
CMYK	0.16, 0.51, 0.00, 0.23
HSL	281°, 46%, 57%
HSV	281°, 51%, 77%
XYZ	29.4565, 20.2438, 54.5795
YIQ	127.7320, 8.4280, 45.5160

Conversions

Conversions Part 2

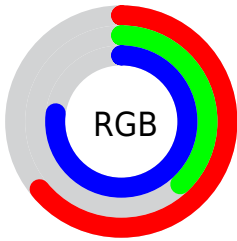
Format	Color
RYB	164, 96, 196
Decimal	10772676
CIELab	52.11, 44.78, -41.44
CIELCh	52, 61.012, 317.218
Yxy	20.2438, 0.2825, 0.1941
Android (android.graphics.Color)	4288962756 (0xFFA460C4)
YUV	127.7320, 33.6561, 31.8070
Hunter-Lab	44.9931, 38.1242, -40.4274

Details

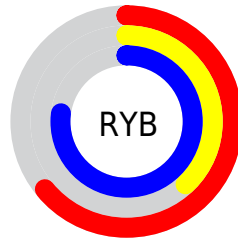
The YUV color $127.7320, 33.6561, 31.8070$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $164.2680, -33.6561, -31.8070$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3840, 34.8137, 33.8662$, and $75.4930, 32.7880, 30.2626$ is the 20% darker color. If you saturate the color by 10%, you get $114.1980, 40.3284, 38.4144$, and if you desaturate by 10%, it is $141.2660, 26.9839, 25.1997$.

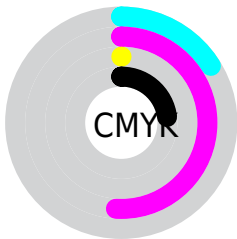
Distribution



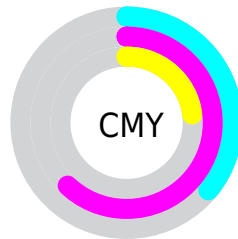
- Red (64%)
- Green (38%)
- Blue (77%)



- Red (64%)
- Yellow (38%)
- Blue (77%)



- Cyan (16%)
- Magenta (51%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7320, 33.6561, 31.8070 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 127.7320, 33.6561, 31.8070 by changing the saturation by 10% instead.

■ 127.7320, 33.6561,
31.8070

■ 127.7320, 33.6561,
31.8070

255.0000, 0.0000,
0.0000

■ 101.7920, 32.6405,
30.8774

■ 182.3840, 34.8137,
33.8662

■ 75.4930, 32.7880,
30.2626

■ 207.1320, 23.5989,
37.5952

■ 48.6070, 33.2247,
30.1627

■ 225.0630, 14.7589,
26.2547

■ 27.4170, 31.3464,
25.9443

■ 242.0860, 6.3666,
11.3256

■ 17.8040, 24.2536,
14.2039

■ 4.9020, 18.7823,
-4.2991

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 127.7320, 33.6561,
31.8070

■ 127.7320, 33.6561,
31.8070

■ 114.1980, 40.3284,
38.4144

■ 141.2660, 26.9839,
25.1997

■ 100.9520, 46.8587,
43.8921

■ 154.5120, 20.4536,
19.7220

■ 87.4180, 53.5309,
50.4994

■ 168.0460, 13.7813,
13.1147

■ 74.4710, 59.9138,
56.5919

■ 180.9930, 7.3985,
7.0221

■ 62.1110, 66.0073,
62.1697

■ 194.5270, 0.7262,
0.4148

■ 208.3600, -6.0935,
-5.5777

■ 221.3070,
-12.4764, -11.6702

■ 234.8410,
-19.1486, -18.2776

■ 237.8090,
-20.6118, -15.6185

Harmonies

Analogous

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



117.9170, 52.7919, -39.3922



127.7320, 33.6561, 31.8070



122.3170, 13.1547, 74.2670

Triad

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



127.7320, 33.6561, 31.8070



117.1500, -57.7549, 44.5955



104.4320, 24.4370, -91.5869

Complementary

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



127.7320, 33.6561, 31.8070



164.2680, -33.6561, -31.8070

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.



97.5750, 0.7025, -85.5733



127.7320, 33.6561, 31.8070



113.0760, -55.7465, 6.9493

Square

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



127.7320, 33.6561, 31.8070



119.2870, -35.1445, 72.5393



105.1570, -28.6714, -43.9877



108.5020, 45.1085, -95.1563

Rectangle

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



127.7320, 33.6561, 31.8070



118.3820, -2.1603, 86.4880



105.1570, -28.6714, -43.9877



102.3800, 16.5747, -89.7873

Sweetspot

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



127.7320, 33.6561, 31.8070



229.1060, 12.7657, 12.1850



126.7710, 34.1299, -26.9862



112.1070, 7.8352, 6.9222



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.



127.7320, 33.6561, 31.8070



148.4780, 52.5153, 49.5698



135.3620, 21.5135, 53.1795



90.2330, 3.3361, 3.3037



50.9450, 54.2571, 50.9142



10.6390, 11.0240, 10.8406

Inverse Universe

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



129.5480, -0.7632, 58.2784



151.3440, -1.1556, 90.9063



156.6380, -21.5135, -53.1795



90.3320, -0.1637, 5.8478



53.9530, -1.4558, 93.8802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 127.7320, 33.6561, 31.8070 looks on a white background.

Color Contrast Check

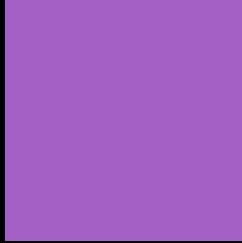
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7320, 33.6561, 31.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

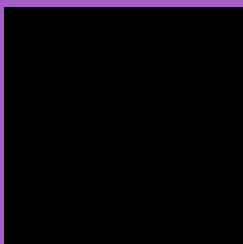
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7320, 33.6561, 31.8070

Background



This preview shows how black text looks on a background with the YUV color 127.7320, 33.6561, 31.8070.



This preview shows how white text looks on a background with the YUV color 127.7320, 33.6561, 31.8070.

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

127.7320, 33.6561, 31.8070

Protanopia

119.9130, 48.8499, -35.0037

Deuteranopia

122.0700, 33.9825, -26.3714



Tritanopia

126.6870, -1.8177, 23.0765

Trichromacy



Original Color

127.7320, 33.6561, 31.8070

Protanomaly

122.9870, 43.3904, -10.5126

Deuteranomaly

124.2020, 33.9174, -5.4392

Tritanomaly

126.8520, 11.4120, 26.4398

Monochromacy



Original Color

127.7320, 33.6561, 31.8070

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6930, 12.4764, 11.6702

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7320, 33.6561, 31.8070 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(164, 96, 196)` looks like.

```
.text, #text, p{  
    color:rgb(164, 96, 196)  
}
```

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(164, 96, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 96, 196) }
```

Border

The CSS property to change the border of an element to YUV 127.7320, 33.6561, 31.8070 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(164, 96, 196) }
```


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

```
.border{ border-color:rgb(164, 96, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 96, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 96, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 96, 196);  
box-shadow:4px 4px 4px 4px rgb(164, 96,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 127.7320, 33.6561, 31.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 96, 196) }
```

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

```
.background{ background-color: rgb(164, 96,  
196) }
```

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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