

Converting Colors

YUV(127.8560, 18.8050,
35.2063)

Have a look what the booklet for
YUV(127.8560, 18.8050, 35.2063)
contains.

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Color

**YUV(127.8560, 18.8050,
35.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	A864A6
RGB	168, 100, 166
RGB Percent	66%, 39%, 65%
CMY	0.3412, 0.6078, 0.3490
CMYK	0.00, 0.40, 0.01, 0.34
HSL	302°, 28%, 53%
HSV	302°, 40%, 66%
XYZ	27.5886, 20.1923, 38.5198
YIQ	127.8560, 19.3420, 34.9420

Conversions

Conversions Part 2

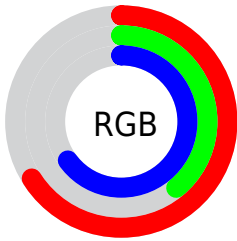
Format	Color
R_{YB}	168, 100, 166
Decimal	11035814
CIE _{Lab}	52.05, 37.72, -24.12
CIE _{LCh}	52, 44.769, 327.407
Yxy	20.1923, 0.3197, 0.2340
Android (android.graphics.Color)	4289225894 (0xFFA864A6)
YUV	127.8560, 18.8050, 35.2063
Hunter-Lab	44.9359, 30.9529, -19.3693

Details

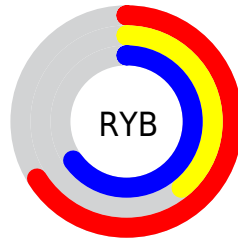
The YUV color **127.8560, 18.8050, 35.2063** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.1440, -18.8050, -35.2063**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3940, 19.5258, 37.3655**, and **76.4320, 18.5210, 32.9471** is the 20% darker color. If you saturate the color by 10%, you get **117.8770, 23.7246, 43.9579**, and if you desaturate by 10%, it is **137.8350, 13.8853, 26.4547**.

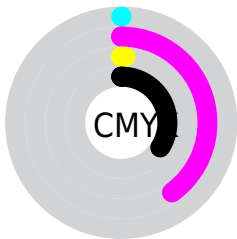
Distribution



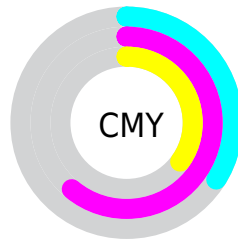
- Red (66%)
- Green (39%)
- Blue (65%)



- Red (66%)
- Yellow (39%)
- Blue (65%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8560, 18.8050, 35.2063 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 127.8560, 18.8050, 35.2063 by changing the saturation by 10% instead.

127.8560, 18.8050,
35.2063

127.8560, 18.8050,
35.2063

255.0000, 0.0000,
0.0000

102.1440, 18.6630,
34.0767

181.3940, 19.5258,
37.3655

76.4320, 18.5210,
32.9471

209.8070, 19.8151,
37.8803

51.4320, 18.5210,
32.9471

227.4110, 13.6014,
24.1956

26.5460, 18.9578,
32.8472

243.8470, 5.4984,
9.7812

17.4600, 12.5912,
21.5216

2.3940, 9.1728,
-2.0995

0.0000, 0.0000,

0.0000

■ 127.8560, 18.8050,
35.2063

■ 127.8560, 18.8050,
35.2063

■ 117.8770, 23.7246,
43.9579

■ 137.8350, 13.8853,
26.4547

■ 107.7840, 28.2075,
52.8094

■ 147.9280, 9.4025,
17.6031

■ 98.3920, 32.8377,
61.0462

■ 157.3200, 4.7722,
9.3664

■ 88.2990, 37.3206,
69.8978

■ 167.4130, 0.2894,
0.5148

■ 78.3200, 42.2402,
78.6494

■ 177.3920, -4.6303,
-8.2368

■ 68.8140, 46.4337,
86.9861

■ 187.4850, -9.1131,
-17.0883

■ 197.4640,
-14.0328, -25.8399

■ 206.9700,
-18.2262, -34.1767

■ 216.9490,
-23.1459, -42.9283

Harmonies

Analogous

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



125.2730, 32.8964, -4.6244



127.8560, 18.8050, 35.2063



125.5310, 1.7102, 58.2933

Triad

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



127.8560, 18.8050, 35.2063



120.5940, -37.7608, 24.9121



101.9530, 27.6312, -89.4128

Complementary

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



127.8560, 18.8050, 35.2063



140.1440, -18.8050, -35.2063

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.



97.5070, 10.5960, -85.5136



127.8560, 18.8050, 35.2063



116.6010, -31.8483, -4.9121

Square

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



127.8560, 18.8050, 35.2063



122.8710, -30.9954, 48.3481



109.6530, -14.1259, -42.6687



102.4380, 42.1821, -89.8381

Rectangle

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



127.8560, 18.8050, 35.2063



123.4640, -10.0888, 62.7371



109.6530, -14.1259, -42.6687



100.5850, 22.3896, -88.2130

Sweetspot

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



127.8560, 18.8050, 35.2063



203.7380, 7.5242, 13.3848



108.0510, 29.5549, -6.1837



100.4940, 4.1935, 8.3368



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.8560, 18.8050, 35.2063



155.8490, 29.6544, 55.3834



124.0940, 4.3907, 38.5056



79.3040, 2.3151, 4.1184



60.6680, 41.0827, 76.5902



8.2600, 5.7878, 10.2960

Inverse Universe

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



127.8560, 18.8050, 35.2063



155.8490, 29.6544, 55.3834



143.9060, -4.3907, -38.5056



79.3040, 2.3151, 4.1184



60.6680, 41.0827, 76.5902



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 127.8560, 18.8050, 35.2063 looks on a white background.

Color Contrast Check

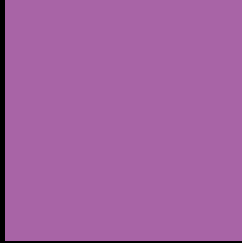
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8560, 18.8050, 35.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

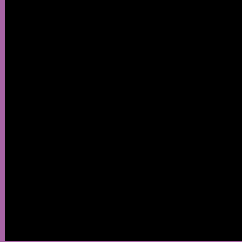
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8560, 18.8050, 35.2063

Background



This preview shows how black text looks on a background with the YUV color 127.8560, 18.8050, 35.2063.



This preview shows how white text looks on a background with the YUV color 127.8560, 18.8050,

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

127.8560, 18.8050, 35.2063

Protanopia

124.2730, 29.4454, -17.7794

Deuteranopia

125.0650, 18.2090, -7.0730



Tritanopia

126.5740, -3.7340, 31.0686

Trichromacy



Original Color

127.8560, 18.8050, 35.2063

Protanomaly

125.6560, 25.3126, 1.1787

Deuteranomaly

126.1640, 18.1601, 8.6262

Tritanomaly

126.7620, 4.5543, 32.6577

Monochromacy



Original Color

127.8560, 18.8050, 35.2063

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2110, 6.7980, 12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8560, 18.8050, 35.2063 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(168, 100, 166)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 166)  
}
```

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(168, 100, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 166) }
```

Border

The CSS property to change the border of an element to YUV 127.8560, 18.8050, 35.2063 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(168, 100, 166) }
```


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

```
.border{ border-color:rgb(168, 100, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 100, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 100, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 100, 166);  
box-shadow:4px 4px 4px 4px rgb(168, 100,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 127.8560, 18.8050, 35.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 166) }
```

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

```
.background{ background-color: rgb(168,  
100, 166) }
```

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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