

Converting Colors

YUV(114.7420, 18.3682,
35.3063)

Have a look what the booklet for
YUV(114.7420, 18.3682, 35.3063)
contains.

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Color

**YUV(114.7420, 18.3682,
35.3063)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9B5798 |
| RGB | 155, 87, 152 |
| RGB Percent | 61%, 34%, 60% |
| CMY | 0.3922, 0.6588, 0.4039 |
| CMYK | 0.00, 0.44, 0.02, 0.39 |
| HSL | 303°, 28%, 47% |
| HSV | 303°, 44%, 61% |
| XYZ | 22.5933, 16.0520, 31.6133 |
| YIQ | 114.7420, 19.6630, 34.6310 |

Conversions

Conversions Part 2

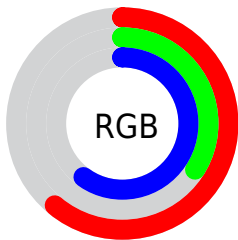
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 87, 152 |
| Decimal | 10180504 |
| CIE _{Lab} | 47.04, 37.99, -23.74 |
| CIE _{LCh} | 47, 44.802, 328.002 |
| Yxy | 16.0520, 0.3216, 0.2285 |
| Android (android.graphics.Color) | 4288370584 (0xFF9B5798) |
| YUV | 114.7420, 18.3682, 35.3063 |
| Hunter-Lab | 40.0649, 30.5456, -18.7375 |

Details

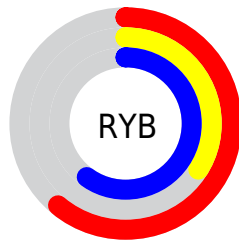
The YUV color **114.7420, 18.3682, 35.3063** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.2580, -18.3682, -35.3063**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1660, 18.6522, 37.5654**, and **63.7310, 18.3736, 33.5619** is the 20% darker color. If you saturate the color by 10%, you get **105.8230, 22.2723, 43.1282**, and if you desaturate by 10%, it is **124.2480, 14.1747, 26.9695**.

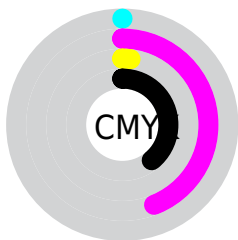
Distribution



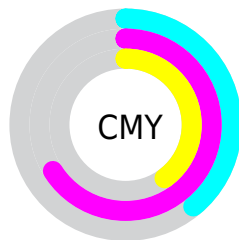
- Red (61%)
- Green (34%)
- Blue (60%)



- Red (61%)
- Yellow (34%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7420, 18.3682, 35.3063 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 114.7420, 18.3682, 35.3063 by changing the saturation by 10% instead.

■ 114.7420, 18.3682,
35.3063

■ 114.7420, 18.3682,
35.3063

■ 255.0000, 0.0000,
0.0000

■ 89.0300, 18.2262,
34.1767

■ 168.1660, 18.6522,
37.5654

■ 63.7310, 18.3736,
33.5619

■ 195.9920, 19.2309,
38.5950

■ 37.6710, 19.3892,
34.4915

■ 218.6060, 17.9422,
31.9175

■ 21.7040, 15.9219,
26.5696

■ 235.6290, 9.5499,
16.9884

■ 12.6180, 9.5553,
15.2440

■ 252.0650, 1.4470,
2.5740

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 114.7420, 18.3682,
35.3063

■ 114.7420, 18.3682,
35.3063

■ 105.8230, 22.2723,
43.1282

■ 124.2480, 14.1747,
26.9695

■ 96.4310, 26.9025,
51.3650

■ 133.0530, 9.8339,
19.2475

■ 86.9250, 31.0960,
59.7018

■ 142.5590, 5.6404,
10.9108

■ 78.0060, 35.0000,
67.5237

■ 151.4780, 1.7363,
3.0888

■ 68.6140, 39.6303,
75.7605

■ 160.2830, -2.6045,
-4.6332

■ 63.2170, 41.7980,
80.4937

■ 169.7890, -6.7980,
-12.9700

■ 178.7080,
-10.7020, -20.7919

■ 188.1000,
-15.3323, -29.0287

■ 197.6060,
-19.5258, -37.3655

Harmonies

Analogous

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



113.0450, 32.0228, -4.4245



114.7420, 18.3682, 35.3063



111.6450, 2.1470, 58.1933

Triad

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



114.7420, 18.3682, 35.3063



107.5830, -37.7554, 23.1677



92.3670, 26.4411, -81.0059

Complementary

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



114.7420, 18.3682, 35.3063



127.2580, -18.3682, -35.3063

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.



88.6220, 9.5534, -77.7215



114.7420, 18.3682, 35.3063



104.0030, -31.5535, -6.1416

Square

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



114.7420, 18.3682, 35.3063



109.3870, -30.2638, 47.0186



95.9840, -12.8101, -44.7130



93.3250, 40.2658, -81.8460

Rectangle

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



114.7420, 18.3682, 35.3063



110.1650, -9.9413, 62.1223



95.9840, -12.8101, -44.7130



91.5860, 20.9101, -80.3209

Sweetspot

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



114.7420, 18.3682, 35.3063



185.6240, 7.0874, 13.4848



95.3500, 29.4075, -5.5689



92.4940, 4.1935, 8.3368



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.7420, 18.3682, 35.3063



138.3220, 28.9283, 54.9686



110.9800, 3.9539, 38.6055



72.1900, 1.8783, 4.2184



57.1360, 37.8940, 72.6717



5.2550, 3.3253, 6.7924

Inverse Universe

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



114.7420, 18.3682, 35.3063



138.3220, 28.9283, 54.9686



131.0200, -3.9539, -38.6055



72.1900, 1.8783, 4.2184



57.1360, 37.8940, 72.6717



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 114.7420, 18.3682, 35.3063 looks on a white background.

Color Contrast Check

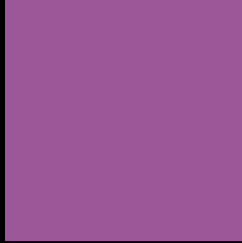
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.7420, 18.3682, 35.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

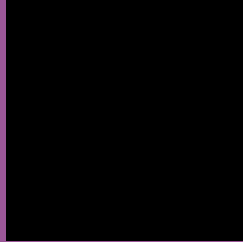
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.7420, 18.3682, 35.3063

Background



This preview shows how black text looks on a background with the YUV color 114.7420, 18.3682, 35.3063.



This preview shows how white text looks on a background with the YUV color 114.7420, 18.3682, 35.3063.

35.3063.

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

114.7420, 18.3682, 35.3063

Protanopia

111.1590, 29.0086, -17.6794

Deuteranopia

112.2390, 17.6302, -8.1026



Tritanopia

113.4600, -4.1708, 31.1686

Trichromacy



Original Color

114.7420, 18.3682, 35.3063



Protanomaly

112.5420, 24.8758, 1.2787



Deuteranomaly

113.3380, 17.5814, 7.5966



Tritanomaly

113.6480, 4.1175, 32.7577

Monochromacy



Original Color

114.7420, 18.3682, 35.3063



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.0970, 6.3612, 13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7420, 18.3682, 35.3063 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(155, 87, 152)` looks like.

```
.text, #text, p{  
    color:rgb(155, 87, 152)  
}
```

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(155, 87, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 87, 152) }
```

Border

The CSS property to change the border of an element to YUV 114.7420, 18.3682, 35.3063 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(155, 87, 152) }
```


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

```
.border{ border-color:rgb(155, 87, 152) }
```

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

Here you see how a box with a 4 pixel rgb(155, 87, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 87, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 87, 152);  
box-shadow:4px 4px 4px 4px rgb(155, 87,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 114.7420, 18.3682, 35.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 87, 152) }
```

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

```
.background{ background-color: rgb(155, 87,  
152) }
```

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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