

Converting Colors

YUV(124.9310, 18.2750,
18.4775)

Have a look what the booklet for
YUV(124.9310, 18.2750, 18.4775)
contains.

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Color

**YUV(124.9310, 18.2750,
18.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	926BA2
RGB	146, 107, 162
RGB Percent	57%, 42%, 64%
CMY	0.4275, 0.5804, 0.3647
CMYK	0.10, 0.34, 0.00, 0.36
HSL	283°, 23%, 53%
HSV	283°, 34%, 64%
XYZ	23.6333, 19.2350, 36.6495
YIQ	124.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

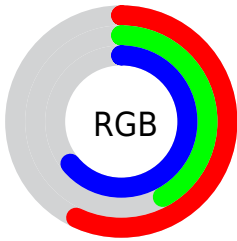
Format	Color
R_{YB}	146, 107, 162
Decimal	9595810
CIE _{Lab}	50.96, 25.79, -23.67
CIE _{LCh}	51, 35.005, 317.447
Yxy	19.2350, 0.2972, 0.2419
Android (android.graphics.Color)	4287785890 (0xFF926BA2)
YUV	124.9310, 18.2750, 18.4775
Hunter-Lab	43.8577, 19.4361, -18.8450

Details

The YUV color **124.9310, 18.2750, 18.4775** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.0690, -18.2750, -18.4775**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1700, 19.1432, 20.0219**, and **75.2790, 17.1175, 16.4183** is the 20% darker color. If you saturate the color by 10%, you get **114.0440, 23.6423, 23.6404**, and if you desaturate by 10%, it is **135.8180, 12.9077, 13.3146**.

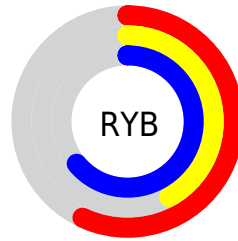
Distribution



Red (57%)

Green (42%)

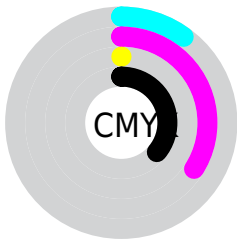
Blue (64%)



Red (57%)

Yellow (42%)

Blue (64%)

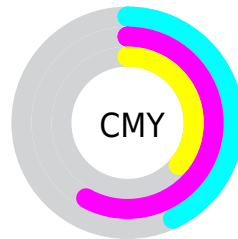


Cyan (10%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9310, 18.2750, 18.4775 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 124.9310, 18.2750, 18.4775 by changing the saturation by 10% instead.

■ 124.9310, 18.2750,
18.4775

■ 124.9310, 18.2750,
18.4775

■ 255.0000, 0.0000,
0.0000

■ 99.5180, 17.9856,
17.9627

■ 178.1700, 19.1432,
20.0219

■ 75.2790, 17.1175,
16.4183

■ 205.6970, 19.8694,
20.4367

■ 51.8660, 16.8281,
15.9035

■ 230.9330, 11.8650,
21.1068

■ 29.0400, 16.2493,
14.8739

■ 247.3690, 3.7621,
6.6924

■ 13.2310, 13.1971,
13.8294

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

124.9310, 18.2750,
18.4775

124.9310, 18.2750,
18.4775

114.0440, 23.6423,
23.6404

135.8180, 12.9077,
13.3146

103.4560, 28.8622,
29.4181

146.4060, 7.6878,
7.5369

91.9820, 34.5189,
35.0958

157.8800, 2.0312,
1.8592

81.0950, 39.8862,
40.2587

168.7670, -3.3361,
-3.3037

70.2080, 45.2535,
45.4216

179.6540, -8.7034,
-8.4666

59.6200, 50.4733,
51.1993

190.2420,
-13.9233, -14.2442

■ 52.8530, 53.8095,
54.5029

■ 201.1290,
-19.2906, -19.4071

■ 212.6030,
-24.9473, -25.0848

■ 223.1910,
-30.1672, -30.8625

Harmonies

Analogous

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



120.9530, 28.1242, -13.9908



124.9310, 18.2750, 18.4775



124.6320, 5.1114, 40.6647

Triad

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



124.9310, 18.2750, 18.4775



119.8360, -28.0201, 27.3308



96.1510, 20.6316, -84.3244

Complementary

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



124.9310, 18.2750, 18.4775



144.0690, -18.2750, -18.4775

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.



105.1860, 0.8943, -53.6601



124.9310, 18.2750, 18.4775



117.3340, -26.7867, 4.9691

Square

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



124.9310, 18.2750, 18.4775



121.7700, -21.0856, 43.1747



113.2150, -16.3750, -21.2366



97.4680, 33.2933, -85.4794

Rectangle

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



124.9310, 18.2750, 18.4775



123.2710, -4.0776, 47.9973



113.2150, -16.3750, -21.2366



95.0110, 16.2636, -83.3246

Sweetspot

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



124.9310, 18.2750, 18.4775



196.9930, 7.3985, 7.0221



122.6620, 19.3936, -13.7356



98.1730, 4.3517, 4.2333



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



124.9310, 18.2750, 18.4775



153.1570, 29.0096, 28.8033



128.4610, 11.1117, 29.4137



75.8200, 3.0467, 2.7889



47.3270, 48.1528, 48.8252



5.9390, 5.9461, 6.1925

Inverse Universe

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



125.2690, -1.1186, 32.2131



153.8630, -1.9045, 50.9861



140.5390, -11.1117, -29.4137



76.0330, -0.0163, 5.2331



48.1430, -3.0285, 84.9436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 124.9310, 18.2750, 18.4775 looks on a white background.

Color Contrast Check

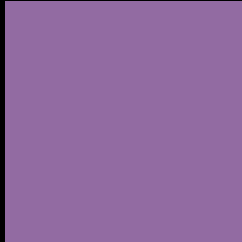
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.9310, 18.2750, 18.4775 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 124.9310, 18.2750, 18.4775

Background



This preview shows how black text looks on a background with the YUV color 124.9310, 18.2750, 18.4775.



This preview shows how white text looks on a background with the YUV color 124.9310, 18.2750,

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

124.9310, 18.2750, 18.4775

Protanopia

121.4430, 24.9246, -14.4205

Deuteranopia

122.4670, 18.5038, -8.3026



Tritanopia

123.5010, 0.2460, 14.4696

Trichromacy



Original Color

124.9310, 18.2750, 18.4775

Protanomaly

122.5370, 22.4133, -2.2249

Deuteranomaly

123.2340, 18.6186, 1.5488

Tritanomaly

123.9340, 6.9345, 15.8439

Monochromacy



Original Color

124.9310, 18.2750, 18.4775

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9310, 18.2750, 18.4775 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(146, 107, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 107, 162)  
}
```

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(146, 107, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 107, 162) }
```

Border

The CSS property to change the border of an element to YUV 124.9310, 18.2750, 18.4775 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(146, 107, 162) }
```


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

```
.border{ border-color:rgb(146, 107, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 107, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 107, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 107, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 107,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 124.9310, 18.2750, 18.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 107, 162) }
```

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

```
.background{ background-color: rgb(146,  
107, 162) }
```

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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