

Converting Colors

YUV(119.6220, 16.9484,
24.0105)

Have a look what the booklet for
YUV(119.6220, 16.9484, 24.0105)
contains.

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Color

**YUV(119.6220, 16.9484,
24.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	93639A
RGB	147, 99, 154
RGB Percent	58%, 39%, 60%
CMY	0.4235, 0.6118, 0.3961
CMYK	0.05, 0.36, 0.00, 0.40
HSL	292°, 22%, 50%
HSV	292°, 36%, 60%
XYZ	22.3272, 17.4598, 32.7652
YIQ	119.6220, 10.9530, 27.2810

Conversions

Conversions Part 2

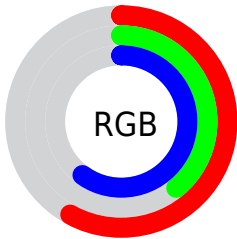
Format	Color
R_{YB}	147, 99, 154
Decimal	9659290
CIE _{Lab}	48.83, 29.05, -22.24
CIE _{LCh}	49, 36.587, 322.564
Yxy	17.4598, 0.3077, 0.2407
Android (android.graphics.Color)	4287849370 (0xFF93639A)
YUV	119.6220, 16.9484, 24.0105
Hunter-Lab	41.7849, 22.2553, -17.2421

Details

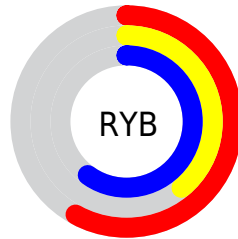
The YUV color **119.6220, 16.9484, 24.0105** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.3780, -16.9484, -24.0105**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8610, 17.8165, 25.5549**, and **70.0840, 16.2276, 21.8513** is the 20% darker color. If you saturate the color by 10%, you get **110.2190, 21.5840, 30.5029**, and if you desaturate by 10%, it is **129.0250, 12.3127, 17.5181**.

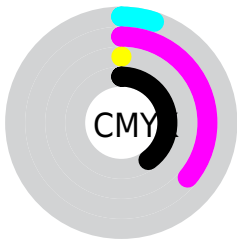
Distribution



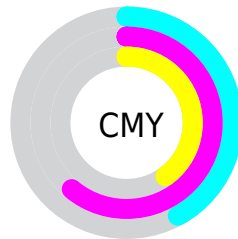
- Red (58%)
- Green (39%)
- Blue (60%)



- Red (58%)
- Yellow (39%)
- Blue (60%)



- Cyan (5%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6220, 16.9484, 24.0105 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 119.6220, 16.9484, 24.0105 by changing the saturation by 10% instead.

■ 119.6220, 16.9484,
24.0105

■ 119.6220, 16.9484,
24.0105

■ 255.0000, 0.0000,
0.0000

■ 94.2090, 16.6590,
23.4957

■ 172.8610, 17.8165,
25.5549

■ 70.0840, 16.2276,
21.8513

■ 200.2740, 18.1059,
26.0697

■ 46.5570, 15.5014,
21.4365

■ 225.6500, 14.4696,
25.7400

■ 23.2580, 15.6488,
20.8217

■ 242.6730, 6.0772,
10.8108

■ 12.2480, 10.7237,
13.8145

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 119.6220, 16.9484,
24.0105

■ 119.6220, 16.9484,
24.0105

■ 110.2190, 21.5840,
30.5029

■ 129.0250, 12.3127,
17.5181

■ 100.2290, 26.5091,
37.5102

■ 139.0150, 7.3876,
10.5108

■ 90.8260, 31.1448,
44.0026

■ 148.4180, 2.7519,
4.0184

■ 80.8360, 36.0699,
51.0098

■ 158.4080, -2.1731,
-2.9888

■ 71.4330, 40.7055,
57.5023

■ 167.8110, -6.8088,
-9.4812

■ 62.0300, 45.3412,
63.9947

■ 177.2140,
-11.4445, -15.9737

■ 57.6220, 47.5144,
66.9835

■ 187.2040,
-16.3696, -22.9809

■ 196.6070,
-21.0053, -29.4733

■ 206.5970,
-25.9303, -36.4806

Harmonies

Analogous

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



116.5730, 27.8185, -9.2725



119.6220, 16.9484, 24.0105



118.4970, 3.2060, 45.1681

Triad

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



119.6220, 16.9484, 24.0105



113.9450, -30.0459, 23.7272



93.3300, 22.5153, -81.8504

Complementary

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



119.6220, 16.9484, 24.0105



133.3780, -16.9484, -24.0105

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.



91.7860, 7.5005, -72.6033



119.6220, 16.9484, 24.0105



110.7140, -26.4810, 0.2508

Square

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



119.6220, 16.9484, 24.0105



115.4880, -23.4116, 42.5450



106.3390, -14.4641, -27.4843



94.4190, 34.3034, -82.8055

Rectangle

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



119.6220, 16.9484, 24.0105



117.0110, -6.4144, 50.8564



106.3390, -14.4641, -27.4843



92.0760, 17.7105, -80.7507

Sweetspot

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



119.6220, 16.9484, 24.0105



187.4880, 6.6614, 10.0960



109.3790, 21.9982, -9.1024



93.7710, 4.0569, 5.4628



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.



119.6220, 16.9484, 24.0105



147.2290, 26.5091, 37.5102



119.4350, 7.1805, 30.3135



72.0050, 2.4625, 3.5036



52.4380, 43.1681, 61.0059



4.7710, 4.0569, 5.4628

Inverse Universe

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



116.2430, -5.0498, 33.1129



141.9680, -7.8722, 51.7711



133.5650, -7.1805, -30.3135



71.5060, -0.7425, 4.8182



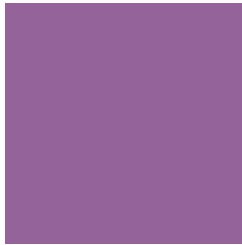
43.9120, -12.7746, 84.2692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 119.6220, 16.9484, 24.0105 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 119.6220, 16.9484, 24.0105 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 119.6220, 16.9484, 24.0105

Background



This preview shows how black text looks on a background with the YUV color 119.6220, 16.9484, 24.0105.



This preview shows how white text looks on a background with the YUV color 119.6220, 16.9484,

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

119.6220, 16.9484, 24.0105

Protanopia

116.3290, 24.4878, -14.3205

Deuteranopia

116.7230, 16.8986, -6.7731



Tritanopia

118.3770, -1.6649, 20.7174

Trichromacy



Original Color

119.6220, 16.9484, 24.0105

Protanomaly

117.4340, 21.9710, -0.3806

Deuteranomaly

118.0880, 16.7186, 4.3078

Tritanomaly

118.8100, 5.0237, 22.0916

Monochromacy



Original Color

119.6220, 16.9484, 24.0105

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6620, 6.0826, 9.0664

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6220, 16.9484, 24.0105 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(147, 99, 154)` looks like.

```
.text, #text, p{  
    color:rgb(147, 99, 154)  
}
```

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(147, 99, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 99, 154) }
```

Border

The CSS property to change the border of an element to YUV 119.6220, 16.9484, 24.0105 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(147, 99, 154) }
```


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

```
.border{ border-color:rgb(147, 99, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 99, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 99, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 99, 154);  
box-shadow:4px 4px 4px 4px rgb(147, 99,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 119.6220, 16.9484, 24.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 99, 154) }
```

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

```
.background{ background-color: rgb(147, 99,  
154) }
```

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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