

Converting Colors

YUV(121.2620, 19.5908,
16.4332)

Have a look what the booklet for
YUV(121.2620, 19.5908, 16.4332)
contains.

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Color

**YUV(121.2620, 19.5908,
16.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	8C68A1
RGB	140, 104, 161
RGB Percent	55%, 41%, 63%
CMY	0.4510, 0.5922, 0.3686
CMYK	0.13, 0.35, 0.00, 0.37
HSL	278°, 23%, 52%
HSV	278°, 35%, 63%
XYZ	22.1986, 18.0493, 36.0321
YIQ	121.2620, 3.1590, 25.3590

Conversions

Conversions Part 2

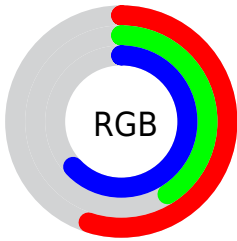
Format	Color
R_{YB}	140, 104, 161
Decimal	9201825
CIE _{Lab}	49.56, 25.35, -25.31
CIE _{LCh}	50, 35.820, 315.042
Yxy	18.0493, 0.2910, 0.2366
Android (android.graphics.Color)	4287391905 (0xFF8C68A1)
YUV	121.2620, 19.5908, 16.4332
Hunter-Lab	42.4845, 18.9203, -20.5462

Details

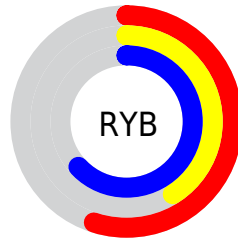
The YUV color **121.2620, 19.5908, 16.4332** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.7380, -19.5908, -16.4332**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2020, 20.6064, 17.3628**, and **71.9090, 18.2859, 14.9888** is the 20% darker color. If you saturate the color by 10%, you get **110.0760, 25.1055, 20.9813**, and if you desaturate by 10%, it is **132.4480, 14.0761, 11.8851**.

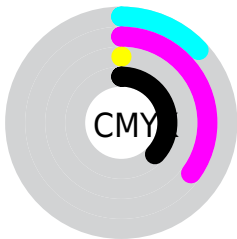
Distribution



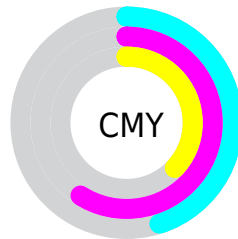
- Red (55%)
- Green (41%)
- Blue (63%)



- Red (55%)
- Yellow (41%)
- Blue (63%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (59%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2620, 19.5908, 16.4332 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 121.2620, 19.5908, 16.4332 by changing the saturation by 10% instead.

121.2620, 19.5908,
16.4332

121.2620, 19.5908,
16.4332

255.0000, 0.0000,
0.0000

96.4360, 19.0121,
15.4036

174.2020, 20.6064,
17.3628

71.9090, 18.2859,
14.9888

202.0280, 21.1852,
18.3924

48.7840, 17.8545,
13.3444

227.3890, 13.6122,
20.7068

26.2570, 17.1283,
12.9296

245.6080, 4.6303,
8.2368

11.6220, 13.4974,
10.8555

2.5250, 7.1362,
-2.2144

0.0000, 0.0000,

0.0000

■ 121.2620, 19.5908,
16.4332

■ 121.2620, 19.5908,
16.4332

■ 110.0760, 25.1055,
20.9813

■ 132.4480, 14.0761,
11.8851

■ 98.8900, 30.6202,
25.5295

■ 143.6340, 8.5614,
7.3370

■ 87.7040, 36.1349,
30.0776

■ 154.8200, 3.0467,
2.7889

■ 76.5180, 41.6496,
34.6257

■ 166.0060, -2.4680,
-1.7593

■ 64.7450, 47.4537,
39.6886

■ 177.1920, -7.9827,
-6.3074

■ 53.5590, 52.9684,
44.2368

■ 188.9650,
-13.7867, -11.3703

■ 48.8520, 55.2890,
46.6108

■ 200.1510,
-19.3014, -15.9184

■ 211.0380,
-24.6687, -21.0813

■ 222.2240,
-30.1834, -25.6294

Harmonies

Analogous

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



116.8600, 29.1560, -18.2942



121.2620, 19.5908, 16.4332



120.9740, 6.4218, 40.3648

Triad

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



121.2620, 19.5908, 16.4332



116.4340, -28.3150, 28.5604



93.8200, 19.3157, -82.2801

Complementary

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



121.2620, 19.5908, 16.4332



143.7380, -19.5908, -16.4332

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.



101.2570, -0.1267, -52.8454



121.2620, 19.5908, 16.4332



113.7040, -27.9551, 6.3986

Square

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



121.2620, 19.5908, 16.4332



117.8950, -20.6542, 44.8191



109.4710, -17.9802, -19.7071



95.1370, 31.9775, -83.4351

Rectangle

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



121.2620, 19.5908, 16.4332



119.9120, -2.9146, 48.3122



109.4710, -17.9802, -19.7071



92.5660, 14.5110, -81.1804

Sweetspot

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



121.2620, 19.5908, 16.4332



193.1070, 7.8352, 6.9222



123.4120, 18.5309, -17.0243



95.2870, 4.7885, 4.1333



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.2620, 19.5908, 16.4332



147.7760, 30.1834, 25.6294



126.7430, 13.4377, 30.0434



75.8200, 3.0467, 2.7889



44.0380, 49.7743, 42.0627



5.3410, 6.2409, 4.9629

Inverse Universe

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



123.4370, 0.7706, 32.9428



151.0740, 1.4425, 50.8011



138.2570, -13.4377, -30.0434



76.0330, -0.0163, 5.2331



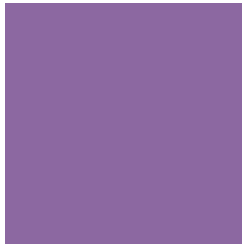
49.5110, 2.2131, 83.7439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 121.2620, 19.5908, 16.4332 looks on a white background.

Color Contrast Check

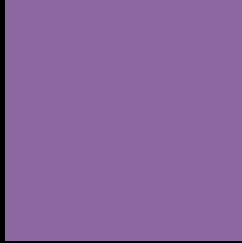
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2620, 19.5908, 16.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

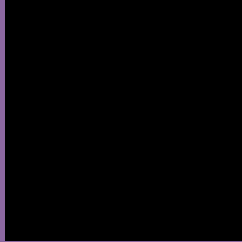
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2620, 19.5908, 16.4332

Background



This preview shows how black text looks on a background with the YUV color 121.2620, 19.5908, 16.4332.



This preview shows how white text looks on a background with the YUV color 121.2620, 19.5908,

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

121.2620, 19.5908, 16.4332

Protanopia

117.4860, 26.3824, -15.3352

Deuteranopia

118.2110, 20.1090, -9.8320



Tritanopia

119.6040, 0.6882, 12.6253

Trichromacy



Original Color

121.2620, 19.5908, 16.4332

Protanomaly

119.1670, 23.5817, -3.6545

Deuteranomaly

119.5650, 19.9345, -0.4955

Tritanomaly

120.1510, 7.8136, 13.8996

Monochromacy



Original Color

121.2620, 19.5908, 16.4332

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2620, 19.5908, 16.4332 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(140, 104, 161)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 161)  
}
```

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(140, 104, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 161) }
```

Border

The CSS property to change the border of an element to YUV 121.2620, 19.5908, 16.4332 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(140, 104, 161) }
```


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

```
.border{ border-color:rgb(140, 104, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 161);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 121.2620, 19.5908, 16.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 161) }
```

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

```
.background{ background-color: rgb(140,  
104, 161) }
```

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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