

Converting Colors

YUV(121.8360, 25.7169,
11.5448)

Have a look what the booklet for
YUV(121.8360, 25.7169, 11.5448)
contains.

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Color

**YUV(121.8360, 25.7169,
11.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	8769AE
RGB	135, 105, 174
RGB Percent	53%, 41%, 68%
CMY	0.4706, 0.5882, 0.3176
CMYK	0.22, 0.40, 0.00, 0.32
HSL	266°, 30%, 55%
HSV	266°, 40%, 68%
XYZ	22.6832, 18.3100, 42.3831
YIQ	121.8360, -4.2690, 27.8190

Conversions

Conversions Part 2

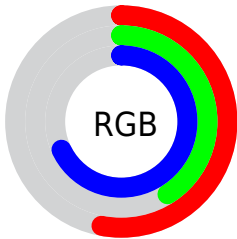
Format	Color
R_{YB}	135, 105, 174
Decimal	8874414
CIE _{Lab}	49.87, 26.22, -32.46
CIE _{LCh}	50, 41.726, 308.928
Yxy	18.3100, 0.2721, 0.2196
Android (android.graphics.Color)	4287064494 (0xFF8769AE)
YUV	121.8360, 25.7169, 11.5448
Hunter-Lab	42.7902, 19.7405, -28.7727

Details

The YUV color **121.8360, 25.7169, 11.5448** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **157.1640, -25.7169, -11.5448**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8900, 27.1692, 12.3745**, and **72.0700, 24.1225, 9.5856** is the 20% darker color. If you saturate the color by 10%, you get **108.8670, 32.1106, 14.1486**, and if you desaturate by 10%, it is **134.8050, 19.3231, 8.9410**.

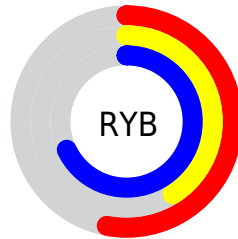
Distribution



Red (53%)

Green (41%)

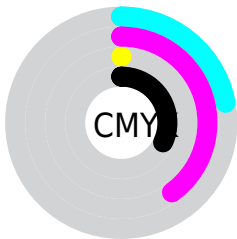
Blue (68%)



Red (53%)

Yellow (41%)

Blue (68%)

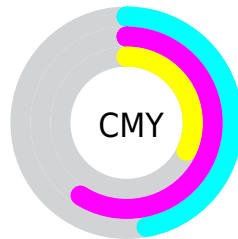


Cyan (22%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (59%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8360, 25.7169, 11.5448 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 121.8360, 25.7169, 11.5448 by changing the saturation by 10% instead.

■ 121.8360, 25.7169,
11.5448

■ 121.8360, 25.7169,
11.5448

■ 255.0000, 0.0000,
0.0000

■ 96.8960, 24.7013,
10.6152

■ 174.8900, 27.1692,
12.3745

■ 72.0700, 24.1225,
9.5856

■ 202.2600, 26.0008,
13.8040

■ 49.1300, 23.1069,
8.6560

■ 226.4810, 14.0599,
17.1182

■ 26.0050, 22.6755,
7.0116

■ 246.1950, 4.3409,
7.7220

■ 10.6690, 18.8972,
5.5523

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 121.8360, 25.7169,
11.5448

■ 121.8360, 25.7169,
11.5448

■ 108.8670, 32.1106,
14.1486

■ 134.8050, 19.3231,
8.9410

■ 95.3110, 38.7937,
17.2673

■ 148.3610, 12.6400,
5.8224

■ 82.3420, 45.1874,
19.8711

■ 161.3300, 6.2463,
3.2186

■ 69.0850, 51.7231,
23.6045

■ 174.5870, -0.2894,
-0.5148

■ 56.1160, 58.1168,
26.2083

■ 187.5560, -6.6831,
-3.1186

■ 43.1470, 64.5105,
28.8121

■ 200.5250,
-13.0768, -5.7224

■ 42.5600, 64.7999,
29.3269

■ 214.0810,
-19.7599, -8.8410

■ 227.0500,
-26.1536, -11.4448

■ 236.4970,
-30.8110, -10.9599

Harmonies

Analogous

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



113.8240, 37.0618, -34.0486



121.8360, 25.7169, 11.5448



121.3640, 11.6525, 42.6538

Triad

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



121.8360, 25.7169, 11.5448



116.8650, -31.9784, 36.9524



94.4240, 16.5530, -82.8098

Complementary

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



121.8360, 25.7169, 11.5448



157.1640, -25.7169, -11.5448

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.



99.8990, -3.8942, -57.7934



121.8360, 25.7169, 11.5448



114.1410, -34.0865, 13.0313

Square

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



121.8360, 25.7169, 11.5448



118.2490, -20.8288, 54.1556



109.8860, -24.1008, -16.5630



97.7130, 31.6935, -85.6943

Rectangle

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



121.8360, 25.7169, 11.5448



119.8680, 0.5581, 54.4898



109.8860, -24.1008, -16.5630



93.0560, 11.3114, -81.6101

Sweetspot

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



121.8360, 25.7169, 11.5448



206.6660, 10.0247, 4.6779



135.7590, 18.8528, -26.9756



102.9170, 5.9569, 2.7038



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.8360, 25.7169, 11.5448



144.4790, 40.6829, 17.9969



132.0020, 20.7050, 32.4472



80.2220, 3.3416, 1.5593



36.5350, 55.9382, 24.9638



5.6120, 8.5723, 3.8483

Inverse Universe

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



130.0770, 6.8640, 38.5205



157.6590, 11.0141, 60.8121



146.9980, -20.7050, -32.4472



81.2610, 0.8573, 5.0331



54.5400, 15.0168, 83.7184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 121.8360, 25.7169, 11.5448 looks on a white background.

Color Contrast Check

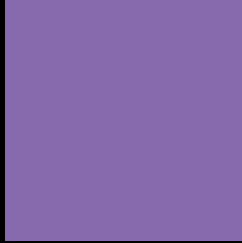
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8360, 25.7169, 11.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

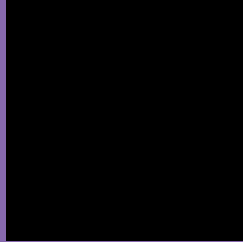
Any Text WCAG AA ✓ Pass

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 121.8360, 25.7169, 11.5448 Background



This preview shows how black text looks on a background with the YUV color 121.8360, 25.7169, 11.5448.

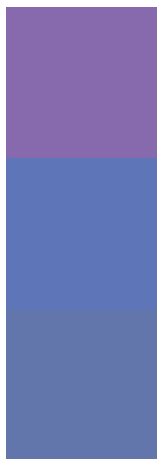


This preview shows how white text looks on a background with the YUV color 121.8360, 25.7169,

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

121.8360, 25.7169, 11.5448

Protanopia

117.7610, 32.6558, -20.8384

Deuteranopia

118.0620, 26.0984, -17.5944



Tritanopia

120.0160, 2.4571, 5.2480

Trichromacy



Original Color

121.8360, 25.7169, 11.5448

Protanomaly

119.4420, 29.8551, -9.1576

Deuteranomaly

119.1280, 26.0659, -7.1283

Tritanomaly

120.6170, 11.0348, 7.3519

Monochromacy



Original Color

121.8360, 25.7169, 11.5448

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1390, 9.2985, 4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8360, 25.7169, 11.5448 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(135, 105, 174)` looks like.

```
.text, #text, p{  
    color:rgb(135, 105, 174)  
}
```

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(135, 105, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 105, 174) }
```

Border

The CSS property to change the border of an element to YUV 121.8360, 25.7169, 11.5448 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(135, 105, 174) }
```


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

```
.border{ border-color:rgb(135, 105, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 105, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 105, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 105, 174);  
box-shadow:4px 4px 4px 4px rgb(135, 105,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 121.8360, 25.7169, 11.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 105, 174) }
```

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

```
.background{ background-color: rgb(135,  
105, 174) }
```

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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