

Converting Colors

YUV(121.8060, 14.3926, 3.6781)

Have a look what the booklet for
YUV(121.8060, 14.3926, 3.6781)
contains.

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Color

**YUV(121.8060, 14.3926,
3.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7297
RGB	126, 114, 151
RGB Percent	49%, 45%, 59%
CMY	0.5059, 0.5529, 0.4078
CMYK	0.17, 0.25, 0.00, 0.41
HSL	259°, 15%, 52%
HSV	259°, 25%, 59%
XYZ	20.2074, 18.7046, 31.8235
YIQ	121.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

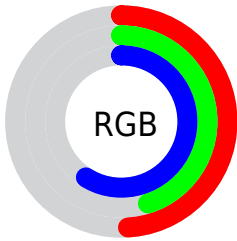
Format	Color
R _Y B	126, 114, 151
Decimal	8286871
CIE Lab	50.34, 12.47, -18.35
CIE LCh	50, 22.186, 304.206
Yxy	18.7046, 0.2857, 0.2644
Android (android.graphics.Color)	4286476951 (0xFF7E7297)
YUV	121.8060, 14.3926, 3.6781
Hunter-Lab	43.2488, 7.7162, -13.3527

Details

The YUV color **121.8060, 14.3926, 3.6781** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.1940, -14.3926, -3.6781**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3330, 15.1188, 4.0930**, and **72.8660, 13.3771, 2.7485** is the 20% darker color. If you saturate the color by 10%, you get **110.0110, 20.2076, 5.2524**, and if you desaturate by 10%, it is **133.6010, 8.5777, 2.1039**.

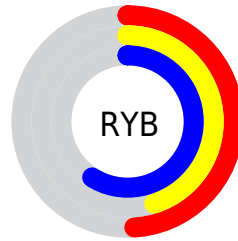
Distribution



Red (49%)

Green (45%)

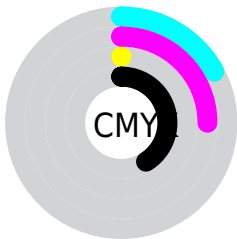
Blue (59%)



Red (49%)

Yellow (45%)

Blue (59%)

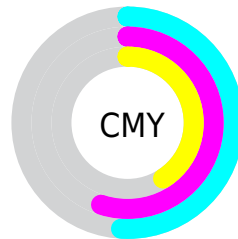


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (55%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8060, 14.3926, 3.6781 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 121.8060, 14.3926, 3.6781 by changing the saturation by 10% instead.

■ 121.8060, 14.3926,
3.6781

■ 121.8060, 14.3926,
3.6781

■ 255.0000, 0.0000,
0.0000

■ 96.6920, 13.9558,
3.7781

■ 174.3330, 15.1188,
4.0930

■ 72.8660, 13.3771,
2.7485

■ 201.8600, 15.8450,
4.5078

■ 50.3390, 12.6509,
2.3337

■ 229.0620, 12.7874,
5.2076

■ 28.8120, 11.9247,
1.9189

■ 251.4780, 1.7363,
3.0888

■ 7.2360, 12.2087,
4.1780

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 121.8060, 14.3926,
3.6781

■ 121.8060, 14.3926,
3.6781

■ 110.0110, 20.2076,
5.2524

■ 133.6010, 8.5777,
2.1039

■ 98.2160, 26.0225,
6.8266

■ 145.3960, 2.7628,
0.5297

■ 86.1220, 31.9849,
7.7860

■ 157.4900, -3.1996,
-0.4297

■ 74.3270, 37.7998,
9.3602

■ 169.2850, -9.0145,
-2.0039

■ 62.5320, 43.6147,
10.9344

■ 181.6670,
-15.1188, -4.0930

■ 50.1500, 49.7190,
13.0234

■ 193.4620,
-20.9338, -5.6672

■ 38.3550, 55.5340,
14.5977

■ 205.2570,
-26.7487, -7.2414

■ 31.8650, 58.7336,
15.0274

■ 217.3510,
-32.7110, -8.2008

■ 229.1460,
-38.5260, -9.7750

Harmonies

Analogous

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



118.5260, 18.9677, -17.1243



121.8060, 14.3926, 3.6781



122.6680, 7.0657, 20.4622

Triad

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



121.8060, 14.3926, 3.6781



120.0880, -16.8054, 23.6018



110.8490, 5.4974, -36.7016

Complementary

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



121.8060, 14.3926, 3.6781



143.1940, -14.3926, -3.6781

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.



113.7770, -5.3131, -22.6064



121.8060, 14.3926, 3.6781



118.3700, -17.9304, 11.0765

Square

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



121.8060, 14.3926, 3.6781



121.6250, -11.1541, 31.0239



116.2970, -13.9504, -5.5225



109.9220, 14.8285, -42.9046

Rectangle

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



121.8060, 14.3926, 3.6781



122.4040, 0.7868, 27.7097



116.2970, -13.9504, -5.5225



111.8450, 1.5554, -32.3131

Sweetspot

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



121.8060, 14.3926, 3.6781



185.6780, 5.0887, 1.1594



132.8930, 8.9268, -16.5692



92.8090, 3.0522, 1.0445



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



121.8060, 14.3926, 3.6781



151.1790, 22.0968, 5.9820



127.1880, 11.7393, 14.7441



70.5100, 3.1996, 0.4297



29.4150, 54.5184, 13.6680



2.6780, 5.0887, 1.1594

Inverse Universe

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



127.9130, 5.4659, 20.2473



160.4890, 8.6329, 31.1431



137.8120, -11.7393, -14.7441



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 121.8060, 14.3926, 3.6781 looks on a white background.

Color Contrast Check

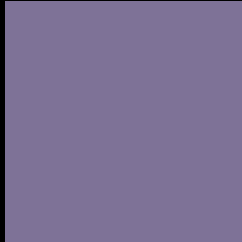
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8060, 14.3926, 3.6781 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 121.8060, 14.3926, 3.6781

Background



This preview shows how black text looks on a background with the YUV color 121.8060, 14.3926, 3.6781.



This preview shows how white text looks on a background with the YUV color 121.8060, 14.3926,

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

121.8060, 14.3926, 3.6781

Protanopia

120.5980, 16.4672, -8.4174

Deuteranopia

120.4630, 14.5617, -3.9141



Tritanopia

120.3360, 3.7784, 1.4593

Trichromacy



Original Color

121.8060, 14.3926, 3.6781

Protanomaly

120.8050, 15.8721, -4.2140

Deuteranomaly

121.0720, 14.2615, -0.9401

Tritanomaly

120.9600, 7.4147, 1.7891

Monochromacy



Original Color

121.8060, 14.3926, 3.6781

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8060, 14.3926, 3.6781 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(126, 114, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 114, 151)  
}
```

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(126, 114, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 114, 151) }
```

Border

The CSS property to change the border of an element to YUV 121.8060, 14.3926, 3.6781 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(126, 114, 151) }
```


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

```
.border{ border-color:rgb(126, 114, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 114, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 114, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 114, 151);  
box-shadow:4px 4px 4px 4px rgb(126, 114,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 121.8060, 14.3926, 3.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 114, 151) }
```

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

```
.background{ background-color: rgb(126,  
114, 151) }
```

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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