

Converting Colors

YUV(124.7830, 26.2360,
31.7623)

Have a look what the booklet for
YUV(124.7830, 26.2360, 31.7623)
contains.

YUV(124.7830, 26.2360, 31.7623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.7830, 26.2360,
31.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	A160B2
RGB	161, 96, 178
RGB Percent	63%, 38%, 70%
CMY	0.3686, 0.6235, 0.3020
CMYK	0.10, 0.46, 0.00, 0.30
HSL	288°, 35%, 54%
HSV	288°, 46%, 70%
XYZ	26.9167, 19.1572, 44.3985
YIQ	124.7830, 12.4180, 39.2820

Conversions

Conversions Part 2

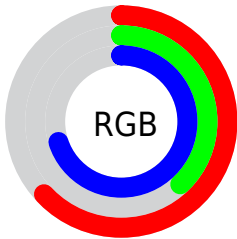
Format	Color
R_{YB}	161, 96, 178
Decimal	10576050
CIE _{Lab}	50.87, 40.11, -33.01
CIE _{LCh}	51, 51.950, 320.543
Yxy	19.1572, 0.2975, 0.2117
Android (android.graphics.Color)	4288766130 (0xFFA160B2)
YUV	124.7830, 26.2360, 31.7623
Hunter-Lab	43.7689, 33.1771, -29.5047

Details

The YUV color **124.7830, 26.2360, 31.7623** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **149.2170, -26.2360, -31.7623**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4350, 27.3935, 33.8215**, and **73.2450, 25.5152, 29.6031** is the 20% darker color. If you saturate the color by 10%, you get **113.0210, 32.0346, 38.5696**, and if you desaturate by 10%, it is **136.5450, 20.4373, 24.9550**.

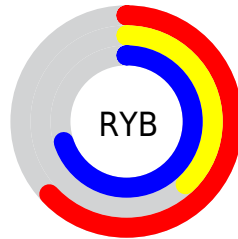
Distribution



Red (63%)

Green (38%)

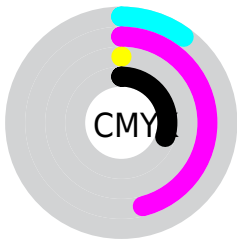
Blue (70%)



Red (63%)

Yellow (38%)

Blue (70%)

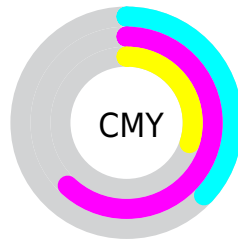


Cyan (10%)

Magenta (46%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (62%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7830, 26.2360, 31.7623 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 124.7830, 26.2360, 31.7623 by changing the saturation by 10% instead.

124.7830, 26.2360,
31.7623

124.7830, 26.2360,
31.7623

255.0000, 0.0000,
0.0000

98.9570, 25.6572,
30.7327

178.4350, 27.3935,
33.8215

73.2450, 25.5152,
29.6031

205.9360, 24.1886,
35.1361

47.6580, 25.8046,
30.1179

224.4760, 15.0483,
26.7695

25.5930, 24.3577,
27.5439

241.4990, 6.6560,
11.8404

16.6920, 17.4068,
16.9331

4.0070, 12.8145,
-3.5141

0.0000, 0.0000,

0.0000

■ 124.7830, 26.2360,
31.7623

■ 124.7830, 26.2360,
31.7623

■ 113.0210, 32.0346,
38.5696

■ 136.5450, 20.4373,
24.9550

■ 101.5580, 37.6859,
45.9916

■ 148.0080, 14.7861,
17.5330

■ 90.3830, 43.1952,
52.2841

■ 159.1830, 9.2768,
11.2405

■ 78.6210, 48.9938,
59.0914

■ 170.9450, 3.4781,
4.4332

■ 67.1580, 54.6451,
66.5134

■ 182.4080, -2.1731,
-2.9888

■ 62.4510, 56.9657,
68.8875

■ 194.1700, -7.9718,
-9.7961

■ 205.9320,
-13.7705, -16.6034

■ 217.1070,
-19.2798, -22.8958

■ 227.9830,
-24.6416, -29.8031

Harmonies

Analogous

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



119.4650, 41.6758, -20.5788



124.7830, 26.2360, 31.7623



121.1710, 7.8037, 63.8710

Triad

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



124.7830, 26.2360, 31.7623



116.4120, -45.0661, 34.7187



100.5680, 24.8630, -88.1981

Complementary

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



124.7830, 26.2360, 31.7623



149.2170, -26.2360, -31.7623

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.



94.7370, 5.0597, -83.0843



124.7830, 26.2360, 31.7623



112.7130, -41.7635, 2.0057

Square

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



124.7830, 26.2360, 31.7623



118.0080, -32.0489, 59.6290



105.1280, -21.2621, -40.4543



103.1390, 42.3295, -90.4529

Rectangle

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



124.7830, 26.2360, 31.7623



118.9690, -5.9007, 72.8182



105.1280, -21.2621, -40.4543



98.8580, 18.3110, -86.6985

Sweetspot

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



124.7830, 26.2360, 31.7623



211.1230, 10.2924, 12.1701



115.9140, 30.6084, -17.4646



104.0640, 6.3774, 7.8369



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



124.7830, 26.2360, 31.7623



149.0900, 40.8746, 49.9101



127.2440, 13.6837, 44.5130



83.1190, 2.8993, 3.4036



53.6210, 48.9938, 59.0914



8.9440, 8.4086, 9.6961

Inverse Universe

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



122.4560, -4.6618, 48.7121



145.3500, -7.0745, 75.9921



146.7560, -13.6837, -44.5130



82.9190, -0.4531, 5.3330



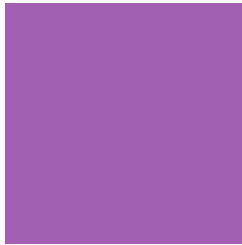
49.3950, -8.5757, 90.8616



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 124.7830, 26.2360, 31.7623 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 124.7830, 26.2360, 31.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

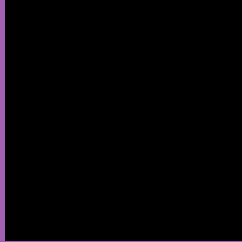
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.7830, 26.2360, 31.7623

Background



This preview shows how black text looks on a background with the YUV color 124.7830, 26.2360, 31.7623.



This preview shows how white text looks on a background with the YUV color 124.7830, 26.2360,

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

124.7830, 26.2360, 31.7623

Protanopia

119.3350, 38.7818, -25.7268

Deuteranopia

120.6600, 25.8036, -16.3648



Tritanopia

123.7690, -2.8441, 25.6356

Trichromacy



Original Color

124.7830, 26.2360, 31.7623



Protanomaly

121.6150, 34.2068, -4.9244



Deuteranomaly

121.8840, 26.1862, 0.9787



Tritanomaly

124.2390, 7.7702, 27.8544

Monochromacy



Original Color

124.7830, 26.2360, 31.7623



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.5960, 9.5662, 11.7553

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7830, 26.2360, 31.7623 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(161, 96, 178)` looks like.

```
.text, #text, p{  
    color:rgb(161, 96, 178)  
}
```

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(161, 96, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 96, 178) }
```

Border

The CSS property to change the border of an element to YUV 124.7830, 26.2360, 31.7623 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(161, 96, 178) }
```


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

```
.border{ border-color:rgb(161, 96, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 96, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 96, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 96, 178);  
box-shadow:4px 4px 4px 4px rgb(161, 96,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 124.7830, 26.2360, 31.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 96, 178) }
```

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

```
.background{ background-color: rgb(161, 96,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor