

# Converting Colors

YUV(127.0280, 24.6362,  
31.5474)

Have a look what the booklet for  
YUV(127.0280, 24.6362, 31.5474)  
contains.

<b>YUV(127.0280, 24.6362, 31.5474)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(127.0280, 24.6362,  
31.5474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A363B1
RGB	163, 99, 177
RGB Percent	64%, 39%, 69%
CMY	0.3608, 0.6118, 0.3059
CMYK	0.08, 0.44, 0.00, 0.31
HSL	289°, 33%, 54%
HSV	289°, 44%, 69%
XYZ	27.5019, 19.8845, 43.9836
YIQ	127.0280, 13.1060, 37.8260

# Conversions

## Conversions Part 2

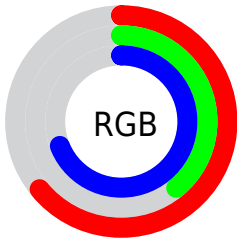
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 99, 177
Decimal	10707889
CIE <sub>Lab</sub>	51.71, 38.87, -31.11
CIE <sub>LCh</sub>	52, 49.787, 321.328
Yxy	19.8845, 0.3010, 0.2176
Android (android.graphics.Color)	4288897969 (0xFFA363B1)
YUV	127.0280, 24.6362, 31.5474
Hunter-Lab	44.5921, 32.0527, -27.2665

# Details

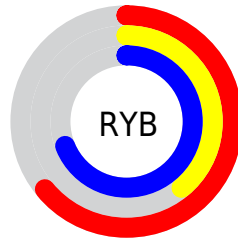
The YUV color  $127.0280, 24.6362, 31.5474$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $148.9720, -24.6362, -31.5474$ , and the grayscale version is  $127.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $180.6800, 25.7938, 33.6066$ , and  $75.4900, 23.9154, 29.3883$  is the 20% darker color. If you saturate the color by 10%, you get  $115.5650, 30.2875, 38.9695$ , and if you desaturate by 10%, it is  $138.4910, 18.9849, 24.1254$ .

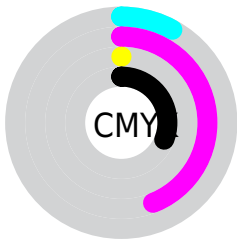
# Distribution



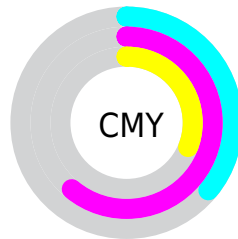
- Red (64%)
- Green (39%)
- Blue (69%)



- Red (64%)
- Yellow (39%)
- Blue (69%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (61%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.0280, 24.6362, 31.5474 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 127.0280, 24.6362, 31.5474 by changing the saturation by 10% instead.



127.0280, 24.6362,  
31.5474

127.0280, 24.6362,  
31.5474

255.0000, 0.0000,  
0.0000

101.2020, 24.0574,  
30.5178

180.6800, 25.7938,  
33.6066

75.4900, 23.9154,  
29.3883

208.2950, 23.0256,  
34.8213

50.4900, 23.9154,  
29.3883

226.8240, 13.8908,  
24.7104

26.1910, 24.0628,  
28.7735

243.2600, 5.7878,  
10.2960

16.9910, 17.2594,  
17.5479

3.3060, 12.6671,  
-2.8994

0.0000, 0.0000,

0.0000

■ 127.0280, 24.6362,  
31.5474

■ 127.0280, 24.6362,  
31.5474

■ 115.5650, 30.2875,  
38.9695

■ 138.4910, 18.9849,  
24.1254

■ 104.6890, 35.6493,  
45.8767

■ 149.3670, 13.6231,  
17.2181

■ 92.9270, 41.4480,  
52.6840

■ 161.1290, 7.8244,  
10.4109

■ 81.4640, 47.0992,  
60.1061

■ 172.5920, 2.1731,  
2.9888

■ 70.0010, 52.7505,  
67.5281

■ 184.0550, -3.4781,  
-4.4332

■ 63.5330, 55.9392,  
71.4466

■ 194.9310, -8.8400,  
-11.3405

■ 206.3940,  
-14.4912, -18.7625

■ 217.8570,  
-20.1425, -26.1846

■ 227.2710,  
-24.7836, -30.9327

# Harmonies

## Analogous

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



122.3190, 39.7757, -17.8198



127.0280, 24.6362, 31.5474



123.5190, 6.6461, 61.8118

# Triad

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



127.0280, 24.6362, 31.5474



119.0850, -42.4399, 32.3745



101.9700, 25.1578, -89.4277

# Complementary

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



127.0280, 24.6362, 31.5474



148.9720, -24.6362, -31.5474

# 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.



96.3670, 6.2281, -84.5139



127.0280, 24.6362, 31.5474



115.2120, -38.5585, 0.6911

# Square

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



127.0280, 24.6362, 31.5474



120.9260, -31.0225, 57.0699



108.3670, -20.3939, -38.9099



103.7260, 42.0401, -90.9677



# Rectangle

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



127.0280, 24.6362, 31.5474



121.8330, -6.3267, 69.4295



108.3670, -20.3939, -38.9099



100.3740, 19.0426, -88.0280

# Sweetspot

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



127.0280, 24.6362, 31.5474



210.5960, 9.5662, 11.7553



116.1100, 30.0188, -15.0055



102.6510, 6.0881, 7.3221



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.



127.0280, 24.6362, 31.5474



151.8080, 38.5487, 49.2804



128.3640, 11.6525, 42.6538



83.4180, 2.7519, 4.0184



55.1160, 48.2568, 62.1653



9.2430, 8.2612, 10.3109



# Inverse Universe

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



123.9180, -5.3826, 46.5529



146.9860, -8.3741, 72.8033



147.6360, -11.6525, -42.6538



82.9190, -0.4531, 5.3330



48.8250, -10.7597, 91.3615

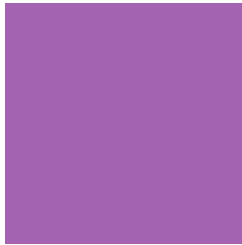


8.3440, -1.6486, 15.4843



# Previews

## White Background



This preview shows how the YUV color 127.0280, 24.6362, 31.5474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

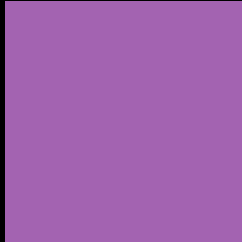
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 127.0280, 24.6362, 31.5474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

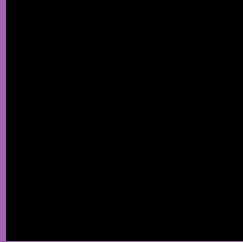
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.0280, 24.6362, 31.5474

## Background



This preview shows how black text looks on a background with the YUV color 127.0280, 24.6362, 31.5474.



This preview shows how white text looks on a background with the YUV color 127.0280, 24.6362, 31.5474.



# 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

127.0280, 24.6362, 31.5474

### Protanopia

122.0750, 36.4450, -22.8678

### Deuteranopia

123.3290, 24.4878, -14.3205



## Tritanopia

125.7690, -2.8441, 25.6356

# Trichromacy



## Original Color

127.0280, 24.6362, 31.5474

## Protanomaly

123.7570, 32.1648, -3.2949

## Deuteranomaly

124.7270, 24.2916, 1.9934

## Tritanomaly

126.1250, 7.3334, 27.9544

# Monochromacy



## Original Color

127.0280, 24.6362, 31.5474

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0690, 8.8400, 11.3405

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.0280, 24.6362, 31.5474 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(163, 99, 177)` looks like.

```
.text, #text, p{  
    color:rgb(163, 99, 177)  
}
```

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(163, 99, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 99, 177) }
```

## Border

The CSS property to change the border of an element to YUV 127.0280, 24.6362, 31.5474 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(163, 99, 177) }
```



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

```
.border{ border-color:rgb(163, 99, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 99, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 99, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 99, 177);  
box-shadow:4px 4px 4px 4px rgb(163, 99,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 127.0280, 24.6362, 31.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 99, 177) }
```

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

```
.background{ background-color: rgb(163, 99,  
177) }
```

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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