

Converting Colors

YUV(127.9660, 25.1598, 3.5378)

Have a look what the booklet for
YUV(127.9660, 25.1598, 3.5378)
contains.

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Color

**YUV(127.9660, 25.1598,
3.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	8474B3
RGB	132, 116, 179
RGB Percent	52%, 45%, 70%
CMY	0.4824, 0.5451, 0.2980
CMYK	0.26, 0.35, 0.00, 0.30
HSL	255°, 29%, 58%
HSV	255°, 35%, 70%
XYZ	23.8978, 20.6510, 45.3743
YIQ	127.9660, -10.6870, 22.9850

Conversions

Conversions Part 2

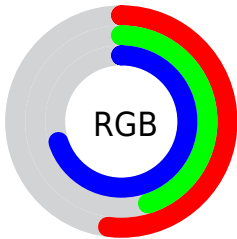
Format	Color
R_{YB}	132, 116, 179
Decimal	8680627
CIE _{Lab}	52.57, 20.04, -31.17
CIE _{LCh}	53, 37.057, 302.737
Yxy	20.6510, 0.2658, 0.2297
Android (android.graphics.Color)	4286870707 (0xFF8474B3)
YUV	127.9660, 25.1598, 3.5378
Hunter-Lab	45.4434, 14.3439, -27.3896

Details

The YUV color $127.9660, 25.1598, 3.5378$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $167.0340, -25.1598, -3.5378$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.0200, 26.6121, 4.3675$, and $78.4990, 23.4180, 2.1934$ is the 20% darker color. If you saturate the color by 10%, you get $113.5130, 32.2851, 4.8121$, and if you desaturate by 10%, it is $142.4190, 18.0344, 2.2635$.

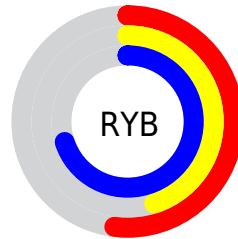
Distribution



Red (52%)

Green (45%)

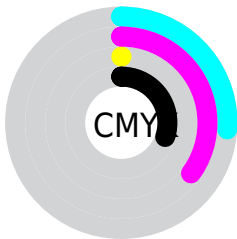
Blue (70%)



Red (52%)

Yellow (45%)

Blue (70%)

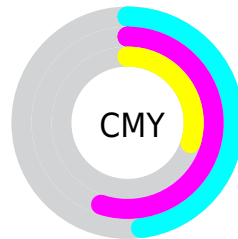


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9660, 25.1598, 3.5378 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 127.9660, 25.1598, 3.5378 by changing the saturation by 10% instead.

■ 127.9660, 25.1598,
3.5378

■ 127.9660, 25.1598,
3.5378

■ 255.0000, 0.0000,
0.0000

■ 102.4390, 24.4336,
3.1230

■ 181.0200, 26.6121,
4.3675

■ 78.4990, 23.4180,
2.1934

■ 207.5210, 23.4071,
5.6821

■ 54.6730, 22.8392,
1.1638

■ 232.6280, 11.0294,
9.0962

■ 32.0210, 21.6816,
-0.8954

■ 253.2390, 0.8682,
1.5444

■ 9.0320, 21.6762,
0.8489

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 127.9660, 25.1598,
3.5378

■ 127.9660, 25.1598,
3.5378

■ 113.5130, 32.2851,
4.8121

■ 142.4190, 18.0344,
2.2635

■ 98.7610, 39.5578,
5.4716

■ 157.1710, 10.7617,
1.6040

■ 84.3080, 46.6832,
6.7459

■ 171.6240, 3.6364,
0.3298

■ 69.8550, 53.8085,
8.0202

■ 186.0770, -3.4890,
-0.9445

■ 55.6900, 60.7918,
8.1649

■ 200.2420,
-10.4723, -1.0892

41.2370, 67.9172,
9.4392

214.6950,
-17.5976, -2.3635

33.8610, 71.5535,
9.7689

229.1480,
-24.7230, -3.6378

241.5520,
-30.8381, -2.2381

245.4390,
-32.7544, 5.7540

Harmonies

Analogous

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



120.0040, 34.0150, -36.8375



127.9660, 25.1598, 3.5378



129.2380, 12.7007, 33.1173

Triad

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



127.9660, 25.1598, 3.5378



124.4290, -27.3265, 38.2118



97.8320, 14.3798, -85.7987

Complementary

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



127.9660, 25.1598, 3.5378



167.0340, -25.1598, -3.5378

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.



112.7550, -8.7532, -39.2501



127.9660, 25.1598, 3.5378



122.6730, -30.8978, 16.9498

Square

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



127.9660, 25.1598, 3.5378



126.0790, -16.3079, 50.7967



119.2290, -24.2699, -8.9708



100.8930, 28.6468, -88.4832

Rectangle

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



127.9660, 25.1598, 3.5378



128.2090, 3.3480, 46.2977



119.2290, -24.2699, -8.9708



103.7650, 6.0319, -68.1999

Sweetspot

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



127.9660, 25.1598, 3.5378



211.6440, 10.0355, 1.1892



150.7710, 13.9169, -30.4942



104.9060, 5.9623, 0.9594



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.



127.9660, 25.1598, 3.5378



153.2340, 38.8316, 5.0568



137.2350, 20.5901, 22.5959



81.9230, 3.4890, 0.9445



29.1030, 61.0812, 8.6797



4.7580, 10.4723, 1.0892

Inverse Universe

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



140.1950, 11.2429, 34.0320



172.2110, 17.1510, 52.4350



157.7650, -20.5901, -22.5959



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 127.9660, 25.1598, 3.5378 looks on a white background.

Color Contrast Check

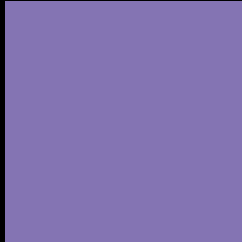
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9660, 25.1598, 3.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

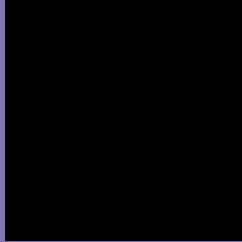
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.9660, 25.1598, 3.5378

Background



This preview shows how black text looks on a background with the YUV color 127.9660, 25.1598, 3.5378.



This preview shows how white text looks on a background with the YUV color 127.9660, 25.1598,

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

127.9660, 25.1598, 3.5378

Protanopia

124.6860, 29.7348, -17.2646

Deuteranopia

124.9590, 25.6562, -15.7500



Tritanopia

125.8410, 4.5154, -1.6146

Trichromacy



Original Color

127.9660, 25.1598, 3.5378

Protanomaly

125.6870, 28.2553, -9.3725

Deuteranomaly

126.0030, 25.6345, -8.7726

Tritanomaly

126.8010, 11.9301, 0.1745

Monochromacy



Original Color

127.9660, 25.1598, 3.5378

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9660, 25.1598, 3.5378 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(132, 116, 179)` looks like.

```
.text, #text, p{  
    color:rgb(132, 116, 179)  
}
```

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(132, 116, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 116, 179) }
```

Border

The CSS property to change the border of an element to YUV 127.9660, 25.1598, 3.5378 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(132, 116, 179) }
```


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

```
.border{ border-color:rgb(132, 116, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 116, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 116, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 116, 179);  
box-shadow:4px 4px 4px 4px rgb(132, 116,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 127.9660, 25.1598, 3.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 116, 179) }
```

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

```
.background{ background-color: rgb(132,  
116, 179) }
```

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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