

Converting Colors

YUV(127.5760, 23.3800,
14.4038)

Have a look what the booklet for
YUV(127.5760, 23.3800, 14.4038)
contains.

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Color

**YUV(127.5760, 23.3800,
14.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	906EAF
RGB	144, 110, 175
RGB Percent	56%, 43%, 69%
CMY	0.4353, 0.5686, 0.3137
CMYK	0.18, 0.37, 0.00, 0.31
HSL	271°, 29%, 56%
HSV	271°, 37%, 69%
XYZ	24.8154, 20.1763, 43.1439
YIQ	127.5760, -0.6010, 27.4230

Conversions

Conversions Part 2

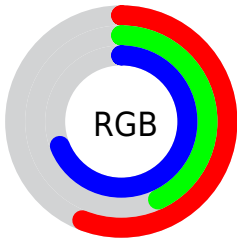
Format	Color
RYB	144, 110, 175
Decimal	9465519
CIELab	52.04, 26.31, -29.59
CIELCh	52, 39.599, 311.638
Yxy	20.1763, 0.2816, 0.2289
Android (android.graphics.Color)	4287655599 (0xFF906EAF)
YUV	127.5760, 23.3800, 14.4038
Hunter-Lab	44.9180, 20.0075, -25.5056

Details

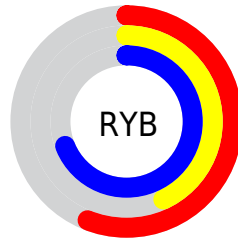
The YUV color **127.5760, 23.3800, 14.4038** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **157.4240, -23.3800, -14.4038**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9290, 24.6850, 15.8483**, and **77.8100, 21.7857, 12.4446** is the 20% darker color. If you saturate the color by 10%, you get **115.2050, 29.4789, 18.2372**, and if you desaturate by 10%, it is **140.5340, 16.9917, 10.0557**.

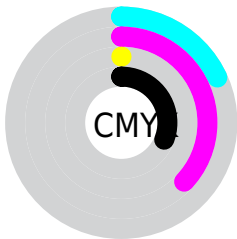
Distribution



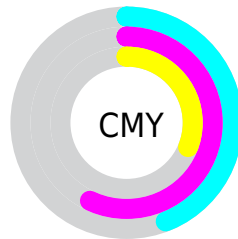
- Red (56%)
- Green (43%)
- Blue (69%)



- Red (56%)
- Yellow (43%)
- Blue (69%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5760, 23.3800, 14.4038 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 127.5760, 23.3800, 14.4038 by changing the saturation by 10% instead.

■ 127.5760, 23.3800,
14.4038

■ 127.5760, 23.3800,
14.4038

■ 255.0000, 0.0000,
0.0000

■ 102.0490, 22.6538,
13.9890

■ 180.9290, 24.6850,
15.8483

■ 77.8100, 21.7857,
12.4446

■ 207.8860, 23.2272,
16.7630

■ 54.2830, 21.0595,
12.0298

■ 232.6940, 10.9969,
19.5624

■ 31.4570, 20.4807,
11.0002

■ 249.7170, 2.6045,
4.6332

■ 12.8760, 18.3021,
9.7557

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 127.5760, 23.3800,
14.4038

■ 127.5760, 23.3800,
14.4038

■ 115.2050, 29.4789,
18.2372

■ 140.5340, 16.9917,
10.0557

■ 101.9480, 36.0146,
21.9706

■ 153.2040, 10.7454,
6.8371

■ 89.5770, 42.1135,
25.8040

■ 166.1620, 4.3571,
2.4889

■ 76.6190, 48.5018,
30.1521

■ 178.5330, -1.7418,
-1.3444

■ 63.3620, 55.0375,
33.8855

■ 191.7900, -8.2775,
-5.0778

■ 50.9910, 61.1364,
37.7189

■ 204.1610,
-14.3764, -8.9112

■ 47.4580, 62.8782,
39.0633

■ 217.1190,
-20.7647, -13.2594

■ 229.7890,
-27.0110, -16.4780

■ 235.1160,
-29.6372, -14.1337

Harmonies

Analogous

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



121.0700, 33.9825, -26.3714



127.5760, 23.3800, 14.4038



127.3810, 9.1792, 42.6389

Triad

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



127.5760, 23.3800, 14.4038



122.6690, -31.3888, 34.4933



98.3850, 19.0372, -86.2836

Complementary

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



127.5760, 23.3800, 14.4038



157.4240, -23.3800, -14.4038

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.



106.3660, -2.1524, -56.4490



127.5760, 23.3800, 14.4038



119.7000, -31.8971, 10.7871

Square

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



127.5760, 23.3800, 14.4038



124.1130, -21.2547, 50.7669



115.5590, -21.4746, -18.9072



100.7450, 33.1567, -88.3534

Rectangle

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



127.5760, 23.3800, 14.4038



125.5150, -0.7469, 53.0453



115.5590, -21.4746, -18.9072



97.0170, 13.7956, -85.0839

Sweetspot

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



127.5760, 23.3800, 14.4038



208.7370, 9.0037, 5.4927



135.6070, 19.4207, -22.4573



104.1020, 5.3727, 3.4185



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.



127.5760, 23.3800, 14.4038



152.4750, 36.7408, 22.3854



136.7310, 18.3736, 33.5619



80.5210, 3.1941, 2.1741



40.7210, 53.8745, 33.5707



6.2100, 8.2775, 5.0778

Inverse Universe

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



132.9690, 3.9593, 36.8612



161.0840, 6.3676, 57.8083



148.2690, -18.3736, -33.5619



81.1470, 0.4205, 5.1331



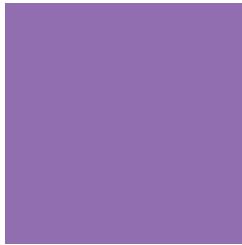
53.0580, 9.3384, 85.0181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 127.5760, 23.3800, 14.4038 looks on a white background.

Color Contrast Check

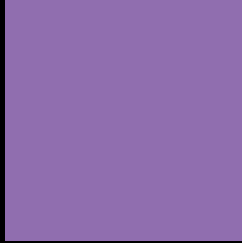
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5760, 23.3800, 14.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

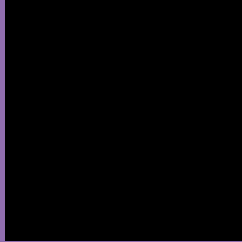
Any Text WCAG AA ✓ Pass

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 127.5760, 23.3800, 14.4038 Background



This preview shows how black text looks on a background with the YUV color 127.5760, 23.3800, 14.4038.



This preview shows how white text looks on a background with the YUV color 127.5760, 23.3800, 14.4038.

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

127.5760, 23.3800, 14.4038

Protanopia

123.5010, 30.3190, -17.9794

Deuteranopia

124.1010, 23.6142, -14.1206



Tritanopia

125.8100, 1.5727, 8.9366

Trichromacy



Original Color

127.5760, 23.3800, 14.4038

Protanomaly

125.1820, 27.5183, -6.2986

Deuteranomaly

125.1670, 23.5817, -3.6545

Tritanomaly

126.2970, 9.7136, 11.1405

Monochromacy



Original Color

127.5760, 23.3800, 14.4038

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6230, 8.5669, 5.5926

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5760, 23.3800, 14.4038 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(144, 110, 175)` looks like.

```
.text, #text, p{  
    color:rgb(144, 110, 175)  
}
```

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(144, 110, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 110, 175) }
```

Border

The CSS property to change the border of an element to YUV 127.5760, 23.3800, 14.4038 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(144, 110, 175) }
```


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

```
.border{ border-color:rgb(144, 110, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 110, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 110, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 110, 175);  
box-shadow:4px 4px 4px 4px rgb(144, 110,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 127.5760, 23.3800, 14.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 110, 175) }
```

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

```
.background{ background-color: rgb(144,  
110, 175) }
```

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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