

Converting Colors

YUV(117.9400, 1.0156, 0.9296)

Have a look what the booklet for
YUV(117.9400, 1.0156, 0.9296)
contains.

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Color

**YUV(117.9400, 1.0156,
0.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	777578
RGB	119, 117, 120
RGB Percent	47%, 46%, 47%
CMY	0.5333, 0.5412, 0.5294
CMYK	0.01, 0.03, 0.00, 0.53
HSL	280°, 1%, 46%
HSV	280°, 3%, 47%
XYZ	17.3592, 18.0006, 20.3288
YIQ	117.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

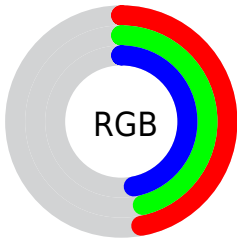
Format	Color
RYB	119, 117, 120
Decimal	7828856
CIELab	49.50, 1.37, -1.38
CIELCh	49, 1.947, 314.707
Yxy	18.0006, 0.3117, 0.3232
Android (android.graphics.Color)	4286018936 (0xFF777578)
YUV	117.9400, 1.0156, 0.9296
Hunter-Lab	42.4271, -1.2135, 1.2903

Details

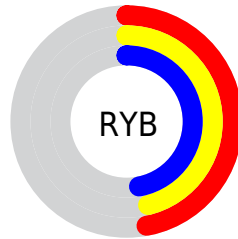
The YUV color $117.9400, 1.0156, 0.9296$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $119.0600, -1.0156, -0.9296$, and the grayscale version is $118.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $169.9400, 1.0156, 0.9296$, and $69.9400, 1.0156, 0.9296$ is the 20% darker color. If you saturate the color by 10%, you get $109.7000, 5.0779, 4.6481$, and if you desaturate by 10%, it is $126.1800, -3.0467, -2.7889$.

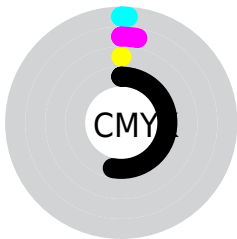
Distribution



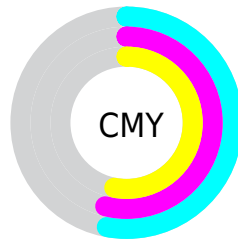
- Red (47%)
- Green (46%)
- Blue (47%)



- Red (47%)
- Yellow (46%)
- Blue (47%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9400, 1.0156, 0.9296 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 117.9400, 1.0156, 0.9296 by changing the saturation by 10% instead.

■ 117.9400, 1.0156,
0.9296

■ 117.9400, 1.0156,
0.9296

■ 255.0000, 0.0000,
0.0000

■ 92.9400, 1.0156,
0.9296

■ 169.9400, 1.0156,
0.9296

■ 69.9400, 1.0156,
0.9296

■ 197.0540, 1.4524,
0.8296

■ 47.5270, 0.7262,
0.4148

■ 225.0540, 1.4524,
0.8296

■ 26.8260, 0.5788,
1.0296

■ 253.8260, 0.5788,
1.0296

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 117.9400, 1.0156,
0.9296

■ 117.9400, 1.0156,
0.9296

■ 109.7000, 5.0779,
4.6481

■ 126.1800, -3.0467,
-2.7889

■ 101.4600, 9.1402,
8.3666

■ 134.4200, -7.1091,
-6.5073

■ 93.2200, 13.2025,
12.0851

■ 142.6600,
-11.1714, -10.2258

■ 84.9800, 17.2649,
15.8035

■ 150.9000,
-15.2337, -13.9443

■ 76.7400, 21.3272,
19.5220

■ 159.1400,
-19.2960, -17.6628

■ 68.5000, 25.3895,
23.2405

■ 167.3800,
-23.3583, -21.3813

■ 60.2600, 29.4518,
26.9590

■ 175.6200,
-27.4207, -25.0997

■ 52.0200, 33.5141,

■ 183.8600,

30.6775

-31.4830, -28.8182

■ 43.7800, 37.5765,
34.3959

■ 192.1000,
-35.5453, -32.5367

Harmonies

Analogous

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



118.0430, 1.4578, -0.9147



117.9400, 1.0156, 0.9296



118.4240, 0.2840, 2.2592

Triad

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



117.9400, 1.0156, 0.9296



117.6690, -1.3158, 2.0443



117.3910, 0.3002, -2.9739

Complementary

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



117.9400, 1.0156, 0.9296



119.0600, -1.0156, -0.9296

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.



117.5760, -0.2840, -2.2592



117.9400, 1.0156, 0.9296



117.5440, -1.7472, 0.3999

Square

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



117.9400, 1.0156, 0.9296



117.9680, -1.4632, 2.6591



117.0600, -1.0156, -0.9296



117.0320, 1.4632, -2.6591

Rectangle

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



117.9400, 1.0156, 0.9296



118.1960, -0.5896, 2.4591



117.0600, -1.0156, -0.9296



117.3910, 0.3002, -2.9739

Sweetspot

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



117.9400, 1.0156, 0.9296



154.5270, 0.7262, 0.4148



117.9290, 1.0210, -0.8147



78.4130, 0.2894, 0.5148



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



117.9400, 1.0156, 0.9296



152.4670, 1.7418, 1.3444



118.1250, 0.4314, 1.6444



59.5270, 0.7262, 0.4148



39.0670, 42.3650, 38.5292



78.9600, 85.3087, 78.0881

Inverse Universe

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



118.0110, -0.0054, 1.7444



152.6090, -0.3002, 2.9739



118.7610, -0.8682, -1.5444



59.7120, 0.1420, 1.1296



42.1630, -0.0804, 72.6480



84.9240, -0.4555, 146.5257

Previews

White Background



This preview shows how the YUV color 117.9400, 1.0156, 0.9296 looks on a white background.

Color Contrast Check

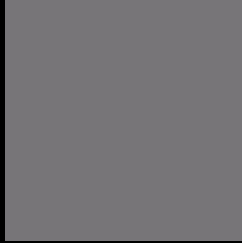
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.9400, 1.0156, 0.9296 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 117.9400, 1.0156, 0.9296

Background



This preview shows how black text looks on a background with the YUV color 117.9400, 1.0156, 0.9296.



This preview shows how white text looks on a background with the YUV color 117.9400, 1.0156,

0.9296.

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

117.9400, 1.0156, 0.9296

Protanopia

117.9400, 1.0156, 0.9296

Deuteranopia

118.9840, 0.9939, 7.9070



Tritanopia

118.2220, 3.3416, 1.5593

Trichromacy



Original Color

117.9400, 1.0156, 0.9296

Protanomaly

117.9400, 1.0156, 0.9296

Deuteranomaly

118.6740, 1.1467, 5.5479

Tritanomaly

117.9940, 2.4680, 1.7593

Monochromacy



Original Color

117.9400, 1.0156, 0.9296

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9400, 1.0156, 0.9296 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(119, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 117, 120)  
}
```

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(119, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 117, 120) }
```

Border

The CSS property to change the border of an element to YUV 117.9400, 1.0156, 0.9296 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(119, 117, 120) }
```


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

```
.border{ border-color:rgb(119, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 117,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 117.9400, 1.0156, 0.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 117, 120) }
```

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

```
.background{ background-color: rgb(119,  
117, 120) }
```

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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