

Converting Colors

YUV(123.9400, 17.7776,
-8.7174)

Have a look what the booklet for
YUV(123.9400, 17.7776, -8.7174)
contains.

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Color

**YUV(123.9400, 17.7776,
-8.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	727AA0
RGB	114, 122, 160
RGB Percent	45%, 48%, 63%
CMY	0.5529, 0.5216, 0.3725
CMYK	0.29, 0.24, 0.00, 0.37
HSL	230°, 19%, 54%
HSV	230°, 29%, 63%
XYZ	20.2441, 20.0345, 36.0578
YIQ	123.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

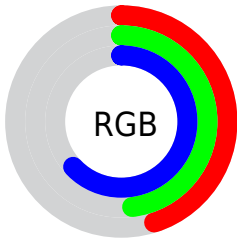
Format	Color
RYB	114, 121, 160
Decimal	7502496
CIELab	51.88, 6.03, -21.34
CIELCh	52, 22.178, 285.778
Yxy	20.0345, 0.2652, 0.2625
Android (android.graphics.Color)	4285692576 (0xFF727AA0)
YUV	123.9400, 17.7776, -8.7174
Hunter-Lab	44.7600, 2.4024, -16.4309

Details

The YUV color **123.9400, 17.7776, -8.7174** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.0600, -17.7776, 8.7174**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5810, 18.9406, -8.4025**, and **74.8860, 16.3252, -9.5470** is the 20% darker color. If you saturate the color by 10%, you get **111.5250, 23.8982, -11.8614**, and if you desaturate by 10%, it is **136.3550, 11.6570, -5.5733**.

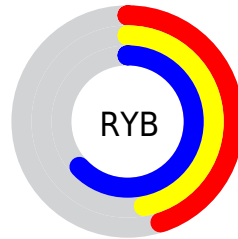
Distribution



Red (45%)

Green (48%)

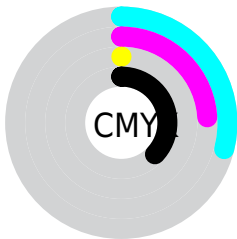
Blue (63%)



Red (45%)

Yellow (47%)

Blue (63%)

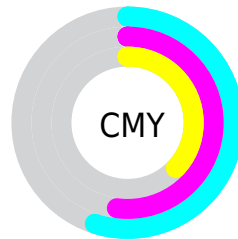


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9400, 17.7776, -8.7174 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 123.9400, 17.7776, -8.7174 by changing the saturation by 10% instead.

■ 123.9400, 17.7776,
-8.7174

■ 123.9400, 17.7776,
-8.7174

■ 255.0000, 0.0000,
0.0000

■ 98.8260, 17.3408,
-8.6174

■ 176.5810, 18.9406,
-8.4025

■ 74.8860, 16.3252,
-9.5470

■ 204.2820, 19.0880,
-9.0173

■ 51.7720, 15.8884,
-9.4470

■ 230.4580, 12.0992,
-7.4177

■ 29.6470, 15.4570,
-11.0914

■ 253.8040, 0.5896,
-2.4591

■ 6.7940, 15.8776,
-5.9583

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 123.9400, 17.7776,
-8.7174

■ 123.9400, 17.7776,
-8.7174

■ 111.5250, 23.8982,
-11.8614

■ 136.3550, 11.6570,
-5.5733

■ 99.1100, 30.0188,
-15.0055

■ 148.7700, 5.5364,
-2.4293

■ 86.1080, 36.4288,
-17.6347

■ 161.7720, -0.8736,
0.2000

■ 73.6930, 42.5494,
-20.7788

■ 174.1870, -6.9942,
3.3440

■ 61.2780, 48.6699,
-23.9228

■ 186.6020,
-13.1148, 6.4880

■ 48.8630, 54.7905,
-27.0669

■ 199.0170,
-19.2354, 9.6321

■ 35.8610, 61.2005,
-29.6961

■ 212.0190,
-25.6454, 12.2613

■ 34.6760, 61.7847,
-30.4109

■ 224.4340,
-31.7660, 15.4054

■ 235.9520,
-37.4443, 16.7051

Harmonies

Analogous

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



119.3890, 20.0212, -28.4052



123.9400, 17.7776, -8.7174



126.1660, 11.7502, 11.2554

Triad

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



123.9400, 17.7776, -8.7174



124.6310, -13.6221, 29.2646



116.7700, -1.3656, -28.7393

Complementary

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



123.9400, 17.7776, -8.7174



150.0600, -17.7776, 8.7174

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.



119.6490, -11.1660, -11.9702



123.9400, 17.7776, -8.7174



123.1260, -17.8101, 19.1835

Square

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



123.9400, 17.7776, -8.7174



126.0040, -5.9180, 31.5685



121.8530, -17.1825, 4.5139



114.1520, 9.2921, -40.4753

Rectangle

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



123.9400, 17.7776, -8.7174



126.8530, 6.4815, 21.1769



121.8530, -17.1825, 4.5139



117.5920, -4.7289, -23.3212

Sweetspot

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



123.9400, 17.7776, -8.7174



194.5140, 7.1416, -3.9588



145.3340, 3.2863, -27.4799



95.5420, 4.6628, -2.2293



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.9400, 17.7776, -8.7174



151.9530, 28.1242, -13.9908



123.7290, 17.8816, 4.6227



73.0860, 2.9156, -1.8294



30.9770, 55.2273, -27.1668



3.4710, 5.6838, -3.0441

Inverse Universe

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



128.6660, -3.2863, 27.4799



159.3090, -5.0823, 43.5790



150.2710, -17.8816, -4.6227



73.6200, -0.3057, 4.7183



45.6070, -10.1593, 85.4137



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 123.9400, 17.7776, -8.7174 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 123.9400, 17.7776, -8.7174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

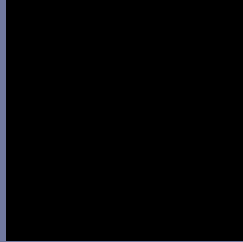
Any Text WCAG AA ✓ Pass

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 123.9400, 17.7776, -8.7174 Background



This preview shows how black text looks on a background with the YUV color 123.9400, 17.7776, -8.7174.



This preview shows how white text looks on a background with the YUV color 123.9400, 17.7776, -8.7174.

-8.7174.

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

123.9400, 17.7776, -8.7174

Protanopia

123.9400, 17.7776, -8.7174

Deuteranopia

123.9510, 17.7722, -6.9730



Tritanopia

122.0570, 6.8739, -11.4510

Trichromacy



Original Color

123.9400, 17.7776, -8.7174

Protanomaly

123.9400, 17.7776, -8.7174

Deuteranomaly

123.6520, 17.9196, -7.5878

Tritanomaly

123.0940, 10.7997, -10.6064

Monochromacy



Original Color

123.9400, 17.7776, -8.7174

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6990, 6.5574, -3.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9400, 17.7776, -8.7174 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(114, 122, 160)` looks like.

```
.text, #text, p{  
    color:rgb(114, 122, 160)  
}
```

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(114, 122, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 122, 160) }
```

Border

The CSS property to change the border of an element to YUV 123.9400, 17.7776, -8.7174 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(114, 122, 160) }
```


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

```
.border{ border-color:rgb(114, 122, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 122, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 122, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 122, 160); box-shadow:4px 4px 4px 4px rgb(114, 122, 160) }
```

Background

The CSS property to change the background color of an element to YUV 123.9400, 17.7776, -8.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 122, 160) }
```

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

```
.background{ background-color: rgb(114,  
122, 160) }
```

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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