

Converting Colors

YUV(98.7850, 53.3500, 15.0976)

Have a look what the booklet for
YUV(98.7850, 53.3500, 15.0976)
contains.

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Color

**YUV(98.7850, 53.3500,
15.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	7445CF
RGB	116, 69, 207
RGB Percent	45%, 27%, 81%
CMY	0.5451, 0.7294, 0.1882
CMYK	0.44, 0.67, 0.00, 0.19
HSL	260°, 59%, 54%
HSV	260°, 67%, 81%
XYZ	20.5931, 12.4742, 60.3539
YIQ	98.7850, -16.2860, 52.8820

Conversions

Conversions Part 2

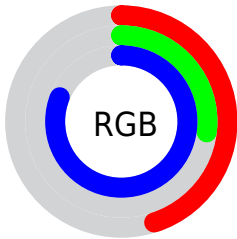
Format	Color
R _Y B	116, 69, 207
Decimal	7620047
CIE Lab	41.96, 50.48, -64.36
CIE LCh	42, 81.793, 308.108
Yxy	12.4742, 0.2204, 0.1335
Android (android.graphics.Color)	4285810127 (0xFF7445CF)
YUV	98.7850, 53.3500, 15.0976
Hunter-Lab	35.3189, 42.2683, -76.5931

Details

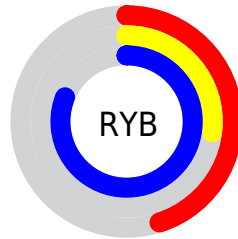
The YUV color **98.7850, 53.3500, 15.0976** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **177.2150, -53.3500, -15.0976**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5360, 51.0078, 19.7009**, and **43.9370, 52.7821, 10.5793** is the 20% darker color. If you saturate the color by 10%, you get **82.2720, 61.4909, 17.3015**, and if you desaturate by 10%, it is **115.2980, 45.2091, 12.8937**.

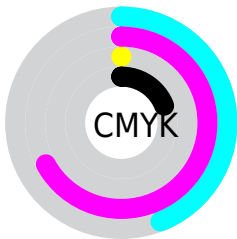
Distribution



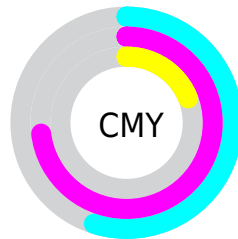
- Red (45%)
- Green (27%)
- Blue (81%)



- Red (45%)
- Yellow (27%)
- Blue (81%)



- Cyan (44%)
- Magenta (67%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7850, 53.3500, 15.0976 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 98.7850, 53.3500, 15.0976 by changing the saturation by 10% instead.

■ 98.7850, 53.3500,
15.0976

■ 98.7850, 53.3500,
15.0976

■ 255.0000, 0.0000,
0.0000

■ 72.2470, 52.6292,
12.9384

■ 151.5360, 51.0078,
19.7009

■ 43.9370, 52.7821,
10.5793

■ 176.0560, 38.9194,
23.6299

■ 18.7350, 52.3886,
-3.2756

■ 200.8750, 26.6836,
28.1736

■ 11.2860, 43.2430,
-9.8978

■ 223.8890, 15.3377,
27.2843

■ 8.4360, 32.3231,
-7.3984

■ 240.3250, 7.2348,
12.8700

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 98.7850, 53.3500,
15.0976

■ 98.7850, 53.3500,
15.0976

■ 82.2720, 61.4909,
17.3015

■ 115.2980, 45.2091,
12.8937

■ 66.6450, 69.1950,
19.6053

■ 130.9250, 37.5050,
10.5898

■ 50.1320, 77.3359,
21.8092

■ 147.4380, 29.3641,
8.3859

■ 44.8270, 79.9513,
22.9537

■ 163.9510, 21.2232,
6.1820

■ 179.5780, 13.5190,
3.8781

■ 196.0910, 5.3781,
1.6742

■ 212.6040, -2.7628,
-0.5297

■ 228.8180,
-10.7563, -3.3484

■ 244.7440,
-18.6078, -5.0375

Harmonies

Analogous

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



87.2510, 72.8403, -76.5191



98.7850, 53.3500, 15.0976



73.7250, 38.0966, 101.0962

Triad

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



98.7850, 53.3500, 15.0976



92.4520, -45.5788, 59.2396



86.5990, 14.4947, -75.9473

Complementary

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



98.7850, 53.3500, 15.0976



177.2150, -53.3500, -15.0976

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.



77.2170, -16.3760, -67.7193



98.7850, 53.3500, 15.0976



91.8560, -45.2850, 11.5273

Square

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



98.7850, 53.3500, 15.0976



71.5920, -27.4069, 110.8598



68.6900, -33.8642, -58.4871



94.1230, 43.3234, -82.5459

Rectangle

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



98.7850, 53.3500, 15.0976



74.2760, 15.6399, 117.2759



68.6900, -33.8642, -58.4871



83.9770, 4.4483, -73.6478

Sweetspot

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



98.7850, 53.3500, 15.0976



214.8970, 19.7708, 5.3523



138.7360, 33.6542, -61.1585



103.5240, 12.0667, 3.0485



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



98.7850, 53.3500, 15.0976



94.8870, 78.9357, 22.0241



119.1170, 43.3263, 56.9024



96.4500, 4.2152, 1.3594



36.1950, 64.9799, 18.2460



8.8600, 15.8450, 4.5078

Inverse Universe

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



120.6360, 19.4065, 75.7412



127.3860, 28.8967, 111.9175



156.8830, -43.3263, -56.9024



98.0870, 1.4361, 6.0627



62.8860, 23.7202, 92.1850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 98.7850, 53.3500, 15.0976 looks on a white background.

Color Contrast Check

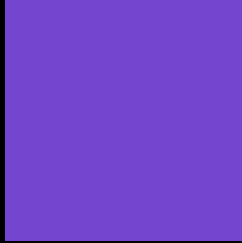
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7850, 53.3500, 15.0976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

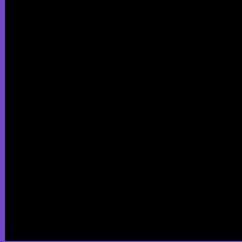
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7850, 53.3500, 15.0976

Background



This preview shows how black text looks on a background with the YUV color 98.7850, 53.3500, 15.0976.



This preview shows how white text looks on a background with the YUV color 98.7850, 53.3500,

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

98.7850, 53.3500, 15.0976

Protanopia

78.7930, 60.7411, -69.1015

Deuteranopia

79.2370, 47.2112, -69.4908



Tritanopia

98.5200, 4.6736, -5.7180

Trichromacy



Original Color

98.7850, 53.3500, 15.0976

Protanomaly

86.2960, 58.0281, -38.8476

Deuteranomaly

86.1190, 49.7343, -38.6924

Tritanomaly

98.8580, 22.2550, 1.8785

Monochromacy



Original Color

98.7850, 53.3500, 15.0976

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7830, 19.3340, 5.4523

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7850, 53.3500, 15.0976 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(116, 69, 207)` looks like.

```
.text, #text, p{  
    color:rgb(116, 69, 207)  
}
```

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(116, 69, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 69, 207) }
```

Border

The CSS property to change the border of an element to YUV 98.7850, 53.3500, 15.0976 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(116, 69, 207) }
```


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

```
.border{ border-color:rgb(116, 69, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 69, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 69, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 69, 207);  
box-shadow:4px 4px 4px 4px rgb(116, 69,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 98.7850, 53.3500, 15.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 69, 207) }
```

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

```
.background{ background-color: rgb(116, 69,  
207) }
```

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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