

Converting Colors

YUV(98.6470, 56.3760, 71.3466)

Have a look what the booklet for
YUV(98.6470, 56.3760, 71.3466)
contains.

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Color

**YUV(98.6470, 56.3760,
71.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	B423D5
RGB	180, 35, 213
RGB Percent	71%, 14%, 84%
CMY	0.2941, 0.8627, 0.1647
CMYK	0.15, 0.84, 0.00, 0.16
HSL	289°, 72%, 49%
HSV	289°, 84%, 84%
XYZ	31.4337, 15.7095, 64.3263
YIQ	98.6470, 29.2820, 86.0980

Conversions

Conversions Part 2

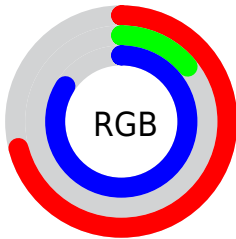
Format	Color
R _{YB}	180, 35, 213
Decimal	11805653
CIE Lab	46.59, 75.98, -59.90
CIE LCh	47, 96.756, 321.749
Yxy	15.7095, 0.2820, 0.1409
Android (android.graphics.Color)	4289995733 (0xFFB423D5)
YUV	98.6470, 56.3760, 71.3466
Hunter-Lab	39.6352, 72.2024, -68.4807

Details

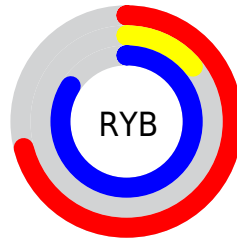
The YUV color **98.6470, 56.3760, 71.3466** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **149.3530, -56.3760, -71.3466**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1170, 46.7773, 70.0574**, and **54.3760, 50.5936, 59.3062** is the 20% darker color. If you saturate the color by 10%, you get **85.1240, 63.0429, 79.6983**, and if you desaturate by 10%, it is **112.1700, 49.7092, 62.9949**.

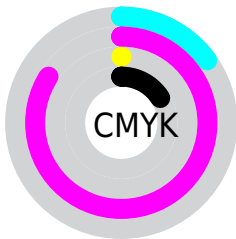
Distribution



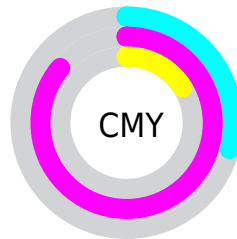
- Red (71%)
- Green (14%)
- Blue (84%)



- Red (71%)
- Yellow (14%)
- Blue (84%)



- Cyan (15%)
- Magenta (84%)
- Yellow (0%)
- Black (16%)





- Cyan (29%)
- Magenta (86%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.6470, 56.3760, 71.3466 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 98.6470, 56.3760, 71.3466 by changing the saturation by 10% instead.


 98.6470, 56.3760,
71.3466


 98.6470, 56.3760,
71.3466


255.0000, 0.0000,
0.0000


 66.2390, 58.5492,
74.3354


 160.1170, 46.7773,
70.0574


 54.3760, 50.5936,
59.3062


 181.6250, 36.1739,
64.3499


 42.6270, 43.0749,
44.1771


 198.6480, 27.7815,
49.4207

 30.9920, 35.9929,
28.9480

 215.6710, 19.3892,
34.4915

 19.7700, 29.2004,
14.2337

 233.2810, 10.7075,
19.0476

 6.2700, 24.0239,
-5.4988

 250.8910, 2.0257,

 4.9360, 13.8356,

3.6036

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 98.6470, 56.3760,
71.3466

■ 98.6470, 56.3760,
71.3466

■ 85.1240, 63.0429,
79.6983

■ 112.1700, 49.7092,
62.9949

■ 76.3080, 67.3892,
85.6759

■ 126.2800, 42.7530,
54.1284

■ 139.8030, 36.0861,
45.7768

■ 153.3260, 29.4193,
37.4251

■ 167.4360, 22.4631,
28.5586

■ 180.9590, 15.7962,
20.2070

■ 194.4820, 9.1294,
11.8553

■ 208.0050, 2.4625,
3.5036

■ 222.1150, -4.4937,
-5.3629

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



98.6470, 56.3760, 71.3466



86.1820, 25.0533, 131.3904

Triad

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



98.6470, 56.3760, 71.3466



104.7460, -51.6398, 43.1958



102.6200, 32.7253, -89.9977

Complementary

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



98.6470, 56.3760, 71.3466



149.3530, -56.3760, -71.3466

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.



91.8700, -3.3869, -80.5700



98.6470, 56.3760, 71.3466



95.8110, -47.2348, -16.4972

Square

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



98.6470, 56.3760, 71.3466



91.2540, -44.9882, 103.2632



79.2450, -39.0678, -69.4979



109.4260, 63.8800, -95.9666

Rectangle

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



98.6470, 56.3760, 71.3466



82.4180, 0.2869, 141.7074



79.2450, -39.0678, -69.4979



98.9550, 21.2212, -86.7835

Sweetspot

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



98.6470, 56.3760, 71.3466



213.8440, 20.2899, 25.5698



76.4240, 67.3320, -36.3288



102.7150, 12.4655, 15.1589



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.



98.6470, 56.3760, 71.3466



91.2620, 80.7228, 102.3792



102.4720, 28.3613, 96.9331



99.9450, 3.4781, 4.4332



61.0550, 54.2029, 68.3578



15.3670, 13.6231, 17.2181

Inverse Universe

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



91.9840, -11.8241, 106.1310



81.6030, -17.0593, 152.0692



145.5280, -28.3613, -96.9331



99.5170, -0.7479, 6.5626



54.7770, -11.2291, 101.9276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 98.6470, 56.3760, 71.3466 looks on a white background.

Color Contrast Check

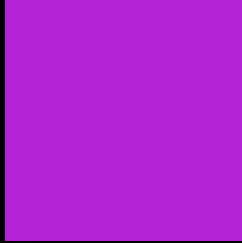
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6470, 56.3760, 71.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

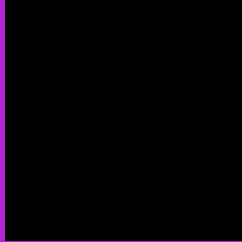
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6470, 56.3760, 71.3466

Background



This preview shows how black text looks on a background with the YUV color 98.6470, 56.3760, 71.3466.



This preview shows how white text looks on a background with the YUV color 98.6470, 56.3760,

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

98.6470, 56.3760, 71.3466

Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

89.1310, 54.6584, -78.1679



Tritanopia

111.4080, -8.5821, 46.1232

Trichromacy



Original Color

98.6470, 56.3760, 71.3466



Protanomaly

92.2900, 63.9470, -23.9333



Deuteranomaly

92.7000, 55.3639, -24.2929



Tritanomaly

106.9510, 14.8142, 55.2940

Monochromacy



Original Color

98.6470, 56.3760, 71.3466



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.8440, 20.2899, 25.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6470, 56.3760, 71.3466 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(180, 35, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 35, 213)  
}
```

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(180, 35, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 35, 213) }
```

Border

The CSS property to change the border of an element to YUV 98.6470, 56.3760, 71.3466 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(180, 35, 213) }
```


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

```
.border{ border-color:rgb(180, 35, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 35, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 35, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 35, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 35,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 98.6470, 56.3760, 71.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 35, 213) }
```

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

```
.background{ background-color: rgb(180, 35,  
213) }
```

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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