

Converting Colors

YUV(98.5360, 47.5568, 6.5459)

Have a look what the booklet for
YUV(98.5360, 47.5568, 6.5459)
contains.

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Color

**YUV(98.5360, 47.5568,
6.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4CC3
RGB	106, 76, 195
RGB Percent	42%, 30%, 76%
CMY	0.5843, 0.7020, 0.2353
CMYK	0.46, 0.61, 0.00, 0.24
HSL	255°, 50%, 53%
HSV	255°, 61%, 76%
XYZ	18.3786, 12.1732, 53.0108
YIQ	98.5360, -20.3190, 43.3690

Conversions

Conversions Part 2

Format	Color
R_{YB}	106, 76, 195
Decimal	6966467
CIE _{Lab}	41.49, 41.33, -58.22
CIE _{LCh}	41, 71.395, 305.372
Yxy	12.1732, 0.2199, 0.1457
Android (android.graphics.Color)	4285156547 (0xFF6A4CC3)
YUV	98.5360, 47.5568, 6.5459
Hunter-Lab	34.8901, 32.9686, -65.6600

Details

The YUV color **98.5360, 47.5568, 6.5459** is a dark color, and the websafe version is hex **663399**.

The color can be described as dark muted purple.

A complement of this color would be **172.4640, -47.5568, -6.5459**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is

151.4270, 49.5825, 10.1495, and **47.0360,**

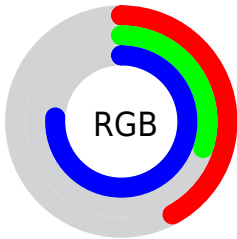
45.8313, -0.0316 is the 20% darker color. If you

saturate the color by 10%, you get **82.8980,**

55.2663, 7.1055, and if you desaturate by 10%, it

is **114.7610, 39.5578, 5.4716**.

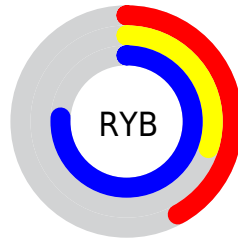
Distribution



Red (42%)

Green (30%)

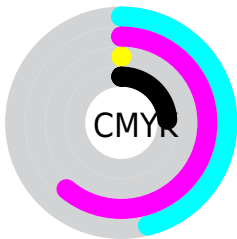
Blue (76%)



Red (42%)

Yellow (30%)

Blue (76%)

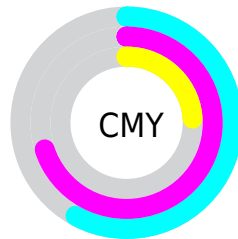


Cyan (46%)

Magenta (61%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (70%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5360, 47.5568, 6.5459 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 98.5360, 47.5568, 6.5459 by changing the saturation by 10% instead.

■ 98.5360, 47.5568,
6.5459

■ 98.5360, 47.5568,
6.5459

■ 255.0000, 0.0000,
0.0000

■ 72.5850, 46.5466,
3.8720

■ 151.4270, 49.5825,
10.1495

■ 47.0360, 45.8313,
-0.0316

■ 176.2890, 38.8045,
13.7785

■ 16.2300, 48.2006,
-13.3567

■ 200.8090, 26.7162,
17.7075

■ 10.1460, 38.8750,
-8.8980

■ 225.6280, 14.4804,
22.2512

■ 9.0570, 27.0869,
-7.9430

■ 243.8470, 5.4984,
9.7812

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 98.5360, 47.5568,
6.5459

■ 98.5360, 47.5568,
6.5459

■ 82.8980, 55.2663,
7.1055

■ 114.7610, 39.5578,
5.4716

■ 66.9720, 63.1178,
8.7946

■ 130.1000, 31.9957,
4.2973

■ 51.3340, 70.8273,
9.3541

■ 145.7380, 24.2862,
3.7378

■ 36.8810, 77.9527,
10.6284

■ 161.6640, 16.4346,
2.0487

■ 177.8890, 8.4357,
0.9743

■ 193.5270, 0.7262,
0.4148

■ 209.4530, -7.1253,
-1.2743

■ 225.0910,
-14.8349, -1.8338

■ 241.0170,
-22.6864, -3.5229

Harmonies

Analogous

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



85.1990, 64.9779, -74.7195



98.5360, 47.5568, 6.5459



88.2690, 29.4474, 75.1861

Triad

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



98.5360, 47.5568, 6.5459



90.9680, -44.8472, 57.9101



83.8120, 11.4317, -73.5031

Complementary

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



98.5360, 47.5568, 6.5459



172.4640, -47.5568, -6.5459

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.



74.9830, -14.7816, -65.7601



98.5360, 47.5568, 6.5459



91.3020, -45.0119, 17.2751

Square

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



98.5360, 47.5568, 6.5459



81.9920, -24.1531, 93.8460



79.4870, -39.1871, -31.1221



90.4240, 36.7660, -79.3018

Rectangle

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



98.5360, 47.5568, 6.5459



70.2470, 19.5982, 107.6544



79.4870, -39.1871, -31.1221



80.9450, 2.9851, -70.9888

Sweetspot

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



98.5360, 47.5568, 6.5459



215.4190, 18.0344, 2.2635



141.8090, 26.2232, -57.7145



104.6980, 11.4879, 2.0189



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.



98.5360, 47.5568, 6.5459



103.0290, 73.4427, 10.4986



116.1770, 38.8597, 42.8178



89.0370, 3.9258, 0.8446



30.6130, 64.2808, 9.1094



6.1540, 13.2351, 1.6189

Inverse Universe

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



121.7270, 21.3336, 64.2604



138.7480, 33.1552, 99.3220



154.8230, -38.8597, -42.8178



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 98.5360, 47.5568, 6.5459 looks on a white background.

Color Contrast Check

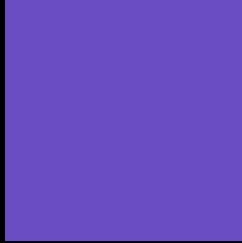
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.5360, 47.5568, 6.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

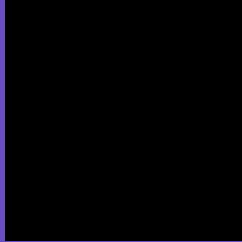
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5360, 47.5568, 6.5459

Background



This preview shows how black text looks on a background with the YUV color 98.5360, 47.5568, 6.5459.



This preview shows how white text looks on a background with the YUV color 98.5360, 47.5568,

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

98.5360, 47.5568, 6.5459

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

78.5360, 47.0638, -68.8761



Tritanopia

96.5300, 6.1477, -11.8658

Trichromacy



Original Color

98.5360, 47.5568, 6.5459

Protanomaly

85.3020, 55.5601, -40.6069

Deuteranomaly

85.8260, 47.4138, -41.0664

Tritanomaly

97.1730, 21.1137, -5.4137

Monochromacy



Original Color

98.5360, 47.5568, 6.5459

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1910, 17.1608, 2.4635

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5360, 47.5568, 6.5459 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(106, 76, 195)` looks like.

```
.text, #text, p{  
    color:rgb(106, 76, 195)  
}
```

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(106, 76, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 76, 195) }
```

Border

The CSS property to change the border of an element to YUV 98.5360, 47.5568, 6.5459 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(106, 76, 195) }
```


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

```
.border{ border-color:rgb(106, 76, 195) }
```

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

Here you see how a box with a 4 pixel rgb(106, 76, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 76, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 76, 195);  
box-shadow:4px 4px 4px 4px rgb(106, 76,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 98.5360, 47.5568, 6.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 76, 195) }
```

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

```
.background{ background-color: rgb(106, 76,  
195) }
```

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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