

Converting Colors

YUV(98.1390, 29.5115, 7.7711)

Have a look what the booklet for
YUV(98.1390, 29.5115, 7.7711)
contains.

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Color

**YUV(98.1390, 29.5115,
7.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	6B529E
RGB	107, 82, 158
RGB Percent	42%, 32%, 62%
CMY	0.5804, 0.6784, 0.3804
CMYK	0.32, 0.48, 0.00, 0.38
HSL	260°, 32%, 47%
HSV	260°, 48%, 62%
XYZ	15.2523, 11.6290, 33.7885
YIQ	98.1390, -9.4960, 28.9360

Conversions

Conversions Part 2

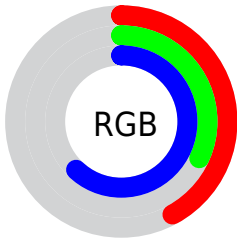
Format	Color
R_{YB}	107, 82, 158
Decimal	7033502
CIE _{Lab}	40.62, 27.65, -37.78
CIE _{LCh}	41, 46.823, 306.201
Yxy	11.6290, 0.2514, 0.1917
Android (android.graphics.Color)	4285223582 (0xFF6B529E)
YUV	98.1390, 29.5115, 7.7711
Hunter-Lab	34.1013, 20.1591, -34.8752

Details

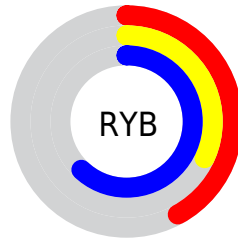
The YUV color **98.1390, 29.5115, 7.7711** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **141.8610, -29.5115, -7.7711**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9050, 31.1058, 9.7303**, and **49.9600, 27.6277, 5.2971** is the 20% darker color. If you saturate the color by 10%, you get **85.4580, 35.7632, 9.2453**, and if you desaturate by 10%, it is **110.8200, 23.2597, 6.2969**.

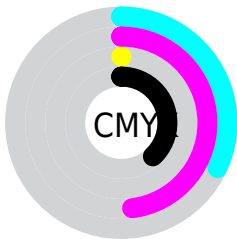
Distribution



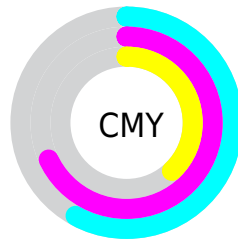
- Red (42%)
- Green (32%)
- Blue (62%)



- Red (42%)
- Yellow (32%)
- Blue (62%)



- Cyan (32%)
- Magenta (48%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1390, 29.5115, 7.7711 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 98.1390, 29.5115, 7.7711 by changing the saturation by 10% instead.

■ 98.1390, 29.5115,
7.7711

■ 98.1390, 29.5115,
7.7711

■ 255.0000, 0.0000,
0.0000

■ 73.9000, 28.6433,
6.2267

■ 149.9050, 31.1058,
9.7303

■ 49.9600, 27.6277,
5.2971

■ 176.5460, 32.2688,
10.0452

■ 27.0090, 26.6176,
2.6231

■ 202.5480, 25.8588,
12.6744

■ 9.6020, 23.8602,
0.3490

■ 227.6550, 13.4811,
16.0886

■ 5.1640, 14.7091,
-4.5288

■ 247.3690, 3.7621,
6.6924

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 98.1390, 29.5115,
7.7711

■ 98.1390, 29.5115,
7.7711

■ 85.4580, 35.7632,
9.2453

■ 110.8200, 23.2597,
6.2969

■ 73.0760, 41.8675,
11.3343

■ 123.2020, 17.1554,
4.2078

■ 60.9820, 47.8299,
12.2938

■ 135.2960, 11.1931,
3.2484

■ 48.6000, 53.9342,
14.3828

■ 147.6780, 5.0887,
1.1594

■ 35.9190, 60.1859,
15.8570

■ 160.3590, -1.1630,
-0.3148

■ 33.5600, 61.3489,
16.1719

■ 173.0400, -7.4147,
-1.7891

■ 185.4220,
-13.5190, -3.8781

■ 197.5160,
-19.4814, -4.8375

■ 209.8980,
-25.5857, -6.9265

Harmonies

Analogous

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



77.1340, 46.7689, -67.6465



98.1390, 29.5115, 7.7711



96.8850, 14.8467, 44.8279

Triad

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



98.1390, 29.5115, 7.7711



92.0890, -35.0469, 41.1409



78.6600, 11.9996, -68.9848

Complementary

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



98.1390, 29.5115, 7.7711



141.8610, -29.5115, -7.7711

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.



72.9260, -4.8935, -63.9561



98.1390, 29.5115, 7.7711



89.6870, -42.2437, 16.0605

Square

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



98.1390, 29.5115, 7.7711



92.6240, -19.5346, 59.0888



85.4470, -28.3214, -16.1780



82.2910, 28.4505, -72.1692

Rectangle

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



98.1390, 29.5115, 7.7711



93.8130, 4.0362, 58.9230



85.4470, -28.3214, -16.1780



76.4770, 6.1738, -67.0703

Sweetspot

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



98.1390, 29.5115, 7.7711



183.9970, 11.3405, 2.6336



121.1880, 18.1483, -34.3679



90.8460, 6.9779, 1.8891



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.



98.1390, 29.5115, 7.7711



112.3410, 46.6669, 11.9789



109.2020, 24.0574, 30.5178



72.8090, 3.0522, 1.0445



30.3550, 55.5340, 14.5977



3.2050, 5.8149, 1.5742

Inverse Universe

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



110.5380, 11.0738, 41.6242



132.0000, 17.2550, 65.7750



130.7980, -24.0574, -30.5178



73.9620, 1.0047, 4.4183



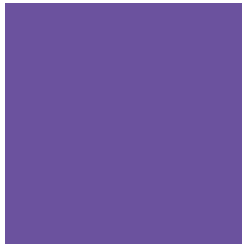
53.7010, 20.8534, 78.3152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 98.1390, 29.5115, 7.7711 looks on a white background.

Color Contrast Check

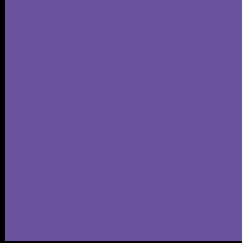
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1390, 29.5115, 7.7711 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 98.1390, 29.5115, 7.7711

Background



This preview shows how black text looks on a background with the YUV color 98.1390, 29.5115, 7.7711.



This preview shows how white text looks on a background with the YUV color 98.1390, 29.5115,

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

98.1390, 29.5115, 7.7711

Protanopia

92.0960, 37.9137, -27.2712

Deuteranopia

92.2610, 30.9303, -27.4159



Tritanopia

96.2110, 3.3470, -0.1850

Trichromacy



Original Color

98.1390, 29.5115, 7.7711

Protanomaly

94.3750, 34.8181, -14.3609

Deuteranomaly

94.5230, 30.3082, -14.4907

Tritanomaly

96.7520, 12.9403, 2.8485

Monochromacy



Original Color

98.1390, 29.5115, 7.7711

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8830, 10.9037, 2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1390, 29.5115, 7.7711 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(107, 82, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 82, 158)  
}
```

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(107, 82, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 82, 158) }
```

Border

The CSS property to change the border of an element to YUV 98.1390, 29.5115, 7.7711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

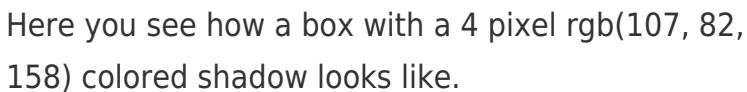
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 82, 158) }
```


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

```
.border{ border-color:rgb(107, 82, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 82, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 82, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 82, 158); box-shadow:4px 4px 4px 4px rgb(107, 82, 158) }
```

Background

The CSS property to change the background color of an element to YUV 98.1390, 29.5115, 7.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 82, 158) }
```

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

```
.background{ background-color: rgb(107, 82,  
158) }
```

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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