

Converting Colors

YUV(60.9510, 7.9122, 28.9840)

Have a look what the booklet for
YUV(60.9510, 7.9122, 28.9840)
contains.

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Color

**YUV(60.9510, 7.9122,
28.9840)**

Conversions

Conversions Part 1	
Format	Color
Hex	5E294D
RGB	94, 41, 77
RGB Percent	37%, 16%, 30%
CMY	0.6314, 0.8392, 0.6980
CMYK	0.00, 0.56, 0.18, 0.63
HSL	319°, 39%, 26%
HSV	319°, 56%, 37%
XYZ	6.7486, 4.5014, 7.5343
YIQ	60.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

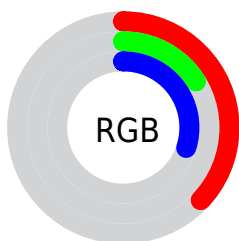
Format	Color
RYB	94, 41, 77
Decimal	6170957
CIELab	25.26, 29.18, -10.96
CIELCh	25, 31.172, 339.407
Yxy	4.5014, 0.3593, 0.2396
Android (android.graphics.Color)	4284361037 (0xFF5E294D)
YUV	60.9510, 7.9122, 28.9840
Hunter-Lab	21.2165, 19.6489, -6.2034

Details

The YUV color **60.9510, 7.9122, 28.9840** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.0490, -7.9122, -28.9840**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2610, 7.7593, 31.3431**, and **17.5160, 7.6336, 24.9805** is the 20% darker color. If you saturate the color by 10%, you get **55.3260, 9.2063, 33.9171**, and if you desaturate by 10%, it is **66.5760, 6.6180, 24.0508**.

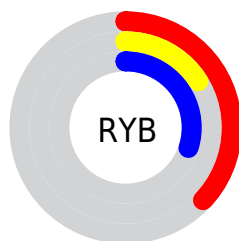
Distribution



 Red (37%)

 Green (16%)

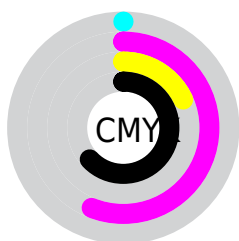
 Blue (30%)





 Red (37%)

 Yellow (16%)

 Blue (30%)

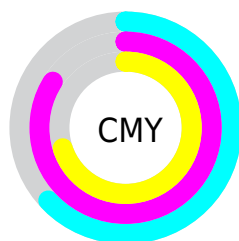



 Cyan (0%)

 Magenta (56%)

 Yellow (18%)

 Black (63%)



 Cyan (63%)


 Magenta (84%)


 Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the YUV color 60.9510, 7.9122, 28.9840 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 60.9510, 7.9122, 28.9840 by changing the saturation by 10% instead.


 60.9510, 7.9122,
28.9840

 60.9510, 7.9122,
28.9840


 255.0000, 0.0000,
0.0000

 36.7660, 8.4964,
28.2692


 110.2610, 7.7593,
31.3431


 17.5160, 7.6336,
24.9805


 135.9730, 7.9013,
32.4727

 6.1800, 0.4043,
10.3661

 162.6850, 8.0433,
33.6023

 0.0000, 0.0000,
0.0000

 189.9840, 7.8959,
34.2170

 216.7990, 8.4801,
33.5023

 235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

60.9510, 7.9122,
28.9840

60.9510, 7.9122,
28.9840

55.3260, 9.2063,
33.9171

66.5760, 6.6180,
24.0508

49.1140, 10.7898,
39.3650

72.7880, 5.0345,
18.6029

43.4890, 12.0839,
44.2981

78.4130, 3.7404,
13.6698

37.2770, 13.6674,
49.7461

84.6250, 2.1569,
8.2219

35.4020, 14.0988,
51.3904

90.2500, 0.8628,
3.2887

■ 95.8750, -0.4314,
-1.6444

■ 102.0870, -2.0149,
-7.0923

■ 107.7120, -3.3090,
-12.0254

■ 113.9240, -4.8925,
-17.4733

Harmonies

Analogous

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



61.6370, 17.4340, 8.2114



60.9510, 7.9122, 28.9840



59.1450, -3.0295, 38.4608

Triad

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



60.9510, 7.9122, 28.9840



56.1540, -23.7399, 7.7579



51.2360, 18.6177, -44.9340

Complementary

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



60.9510, 7.9122, 28.9840



74.0490, -7.9122, -28.9840

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.



49.3150, 8.7187, -43.2493



60.9510, 7.9122, 28.9840



53.6830, -16.1127, -12.0000

Square

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



60.9510, 7.9122, 28.9840



58.1220, -21.7521, 23.5720



45.8780, -1.9119, -40.2350



51.1850, 26.0378, -44.8892

Rectangle

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



60.9510, 7.9122, 28.9840



58.5980, -10.1548, 37.1866



45.8780, -1.9119, -40.2350



51.0250, 15.2707, -44.7489

Sweetspot

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



60.9510, 7.9122, 28.9840



109.5760, 3.1670, 10.8958



52.1250, 20.6444, 5.1524



53.5000, 1.7255, 6.5775



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



60.9510, 7.9122, 28.9840



70.3150, 12.6627, 45.3277



57.9870, -3.4446, 31.5834



42.8370, 0.5734, 2.7740



41.3260, 16.1083, 60.2271



89.2170, 35.3890, 129.6057

Inverse Universe

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



60.9510, 7.9122, 28.9840



70.3150, 12.6627, 45.3277



77.0130, 3.4446, -31.5834



42.8370, 0.5734, 2.7740



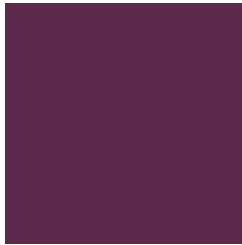
41.3260, 16.1083, 60.2271



89.2170, 35.3890, 129.6057

Previews

White Background



This preview shows how the YUV color 60.9510, 7.9122, 28.9840 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 ✓ Pass

Black Background



This preview shows how the YUV color 60.9510, 7.9122, 28.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

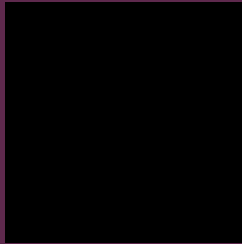
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9510, 7.9122, 28.9840

Background



This preview shows how black text looks on a background with the YUV color 60.9510, 7.9122, 28.9840.



This preview shows how white text looks on a background with the YUV color 60.9510, 7.9122,

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

60.9510, 7.9122, 28.9840

Protanopia

60.5440, 15.0148, -9.2471

Deuteranopia

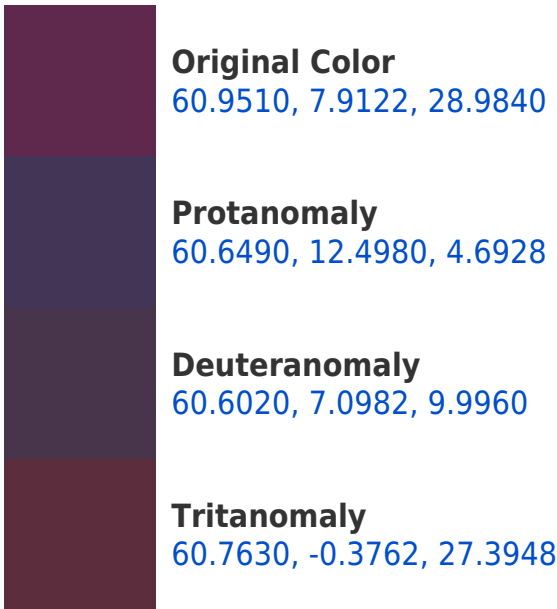
61.0090, 6.4046, -0.8849



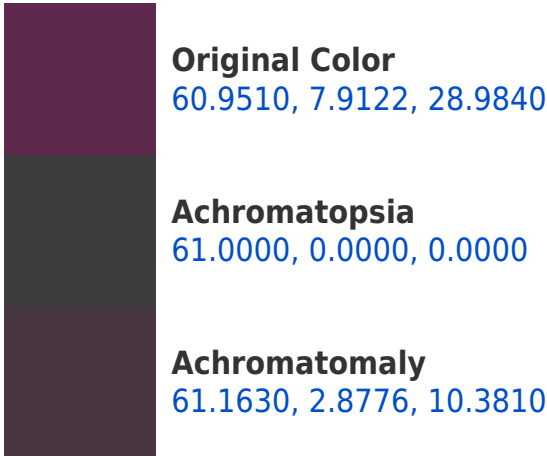
Tritanopia

60.6120, -4.7387, 26.6503

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9510, 7.9122, 28.9840 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(94, 41, 77)` looks like.

```
.text, #text, p{  
    color:rgb(94, 41, 77)  
}
```


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(94, 41, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 41, 77) }
```

Border

The CSS property to change the border of an element to YUV 60.9510, 7.9122, 28.9840 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(94, 41, 77) }
```


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

```
.border{ border-color:rgb(94, 41, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 41, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 41, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 41, 77);  
box-shadow:4px 4px 4px 4px rgb(94, 41, 77)  
}
```


Background

The CSS property to change the background color of an element to YUV 60.9510, 7.9122, 28.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 41, 77) }
```

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

```
.background{ background-color: rgb(94, 41,  
77) }
```

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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