

Converting Colors

YUV(91.9270, 27.6440, 0.0640)

Have a look what the booklet for
YUV(91.9270, 27.6440, 0.0640)
contains.

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Color

**YUV(91.9270, 27.6440,
0.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5194
RGB	92, 81, 148
RGB Percent	36%, 32%, 58%
CMY	0.6392, 0.6824, 0.4196
CMYK	0.38, 0.45, 0.00, 0.42
HSL	250°, 29%, 45%
HSV	250°, 45%, 58%
XYZ	12.7014, 10.2983, 29.3353
YIQ	91.9270, -14.9510, 23.1690

Conversions

Conversions Part 2

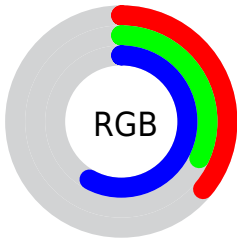
Format	Color
R _Y B	92, 81, 148
Decimal	6050196
CIE Lab	38.37, 21.26, -35.43
CIE LCh	38, 41.319, 300.971
Yxy	10.2983, 0.2427, 0.1968
Android (android.graphics.Color)	4284240276 (0xFF5C5194)
YUV	91.9270, 27.6440, 0.0640
Hunter-Lab	32.0909, 14.4898, -31.7351

Details

The YUV color $91.9270, 27.6440, 0.0640$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $137.0730, -27.6440, -0.0640$, and the grayscale version is $92.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $142.6930, 29.2384, 2.0232$, and $44.4490, 25.9076, -3.0248$ is the 20% darker color. If you saturate the color by 10%, you get $79.5340, 33.7537, 0.4087$, and if you desaturate by 10%, it is $104.3200, 21.5342, -0.2806$.

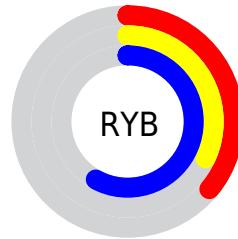
Distribution



Red (36%)

Green (32%)

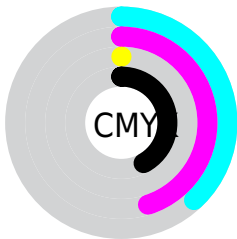
Blue (58%)



Red (36%)

Yellow (32%)

Blue (58%)

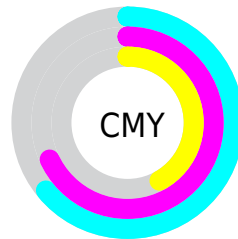


Cyan (38%)

Magenta (45%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9270, 27.6440, 0.0640 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 91.9270, 27.6440, 0.0640 by changing the saturation by 10% instead.

■ 91.9270, 27.6440,
0.0640

■ 91.9270, 27.6440,
0.0640

■ 255.0000, 0.0000,
0.0000

■ 67.9870, 26.6284,
-0.8656

■ 142.6930, 29.2384,
2.0232

■ 44.4490, 25.9076,
-3.0248

■ 169.9210, 30.1119,
1.8233

■ 21.6010, 25.3397,
-7.5431

■ 196.2910, 28.9435,
3.2528

■ 5.7000, 21.8399,
-4.9989

■ 221.0990, 16.7132,
6.0522

■ 3.7790, 11.9410,
-3.3142

■ 245.6080, 4.6303,
8.2368

■ 0.0000, 0.0000,
0.0000

91.9270, 27.6440,
0.0640

91.9270, 27.6440,
0.0640

79.5340, 33.7537,
0.4087

104.3200, 21.5342,
-0.2806

66.8420, 40.0109,
0.1386

117.0120, 15.2771,
-0.0105

55.0360, 45.8313,
-0.0316

128.8180, 9.4567,
0.1596

42.6430, 51.9410,
0.3131

141.2110, 3.3470,
-0.1850

29.9510, 58.1982,
0.0430

153.9030, -2.9102,
0.0851

24.0480, 61.1083,
-0.0421

166.2960, -9.0199,
-0.2596

178.9880,
-15.2771, 0.0105

190.7940,

-21.0974, 0.1807

■ 203.1870,
-27.2072, -0.1640

Harmonies

Analogous

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



73.0760, 41.3745, -64.0877



91.9270, 27.6440, 0.0640



92.8190, 14.8792, 34.3617

Triad

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



91.9270, 27.6440, 0.0640



87.9130, -28.0581, 39.5413



72.4820, 8.6364, -63.5667

Complementary

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



91.9270, 27.6440, 0.0640



137.0730, -27.6440, -0.0640

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.



73.1130, -8.4367, -47.4571



91.9270, 27.6440, 0.0640



86.0600, -34.5396, 18.3644

Square

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



91.9270, 27.6440, 0.0640



88.7310, -15.1504, 52.8559



82.5450, -26.8907, -8.3710



76.3580, 23.4875, -66.9660

Rectangle

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



91.9270, 27.6440, 0.0640



90.5020, 5.6685, 48.6717



82.5450, -26.8907, -8.3710



71.2280, 3.8316, -62.4670

Sweetspot

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



91.9270, 27.6440, 0.0640



168.5730, 11.0565, 0.3745



122.0970, 12.7702, -36.0421



82.8350, 6.9833, 0.1447



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



91.9270, 27.6440, 0.0640



104.8250, 42.4843, 0.1535



101.7940, 22.7796, 20.3517



68.0970, 2.9102, -0.0851



22.6090, 56.8878, 0.3429



1.7380, 4.0732, 0.2298

Inverse Universe

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



107.4170, 14.5844, 35.5913



128.6010, 22.3817, 54.7239



127.2060, -22.7796, -20.3517



69.7770, 1.5889, 3.7036



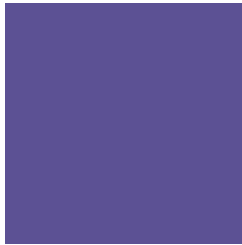
54.3720, 29.8896, 73.3418



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 91.9270, 27.6440, 0.0640 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 91.9270, 27.6440, 0.0640 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 91.9270, 27.6440, 0.0640

Background



This preview shows how black text looks on a background with the YUV color 91.9270, 27.6440, 0.0640.



This preview shows how white text looks on a background with the YUV color 91.9270, 27.6440,

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

91.9270, 27.6440, 0.0640

Protanopia

87.5650, 33.2455, -23.2975

Deuteranopia

87.1040, 29.0357, -26.4012



Tritanopia

89.5090, 4.6791, -7.4624

Trichromacy



Original Color

91.9270, 27.6440, 0.0640

Protanomaly

88.7510, 31.1818, -14.6906

Deuteranomaly

88.7570, 28.7138, -16.4499

Tritanomaly

90.4090, 13.1094, -4.7437

Monochromacy



Original Color

91.9270, 27.6440, 0.0640

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9270, 27.6440, 0.0640 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(92, 81, 148)` looks like.

```
.text, #text, p{  
    color:rgb(92, 81, 148)  
}
```

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(92, 81, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 81, 148) }
```

Border

The CSS property to change the border of an element to YUV 91.9270, 27.6440, 0.0640 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(92, 81, 148) }
```


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

```
.border{ border-color:rgb(92, 81, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 81, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 81, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 81, 148);  
box-shadow:4px 4px 4px 4px rgb(92, 81,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 91.9270, 27.6440, 0.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 81, 148) }
```

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

```
.background{ background-color: rgb(92, 81,  
148) }
```

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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