

Converting Colors

YUV(93.0110, 27.1096, 31.5624)

Have a look what the booklet for
YUV(93.0110, 27.1096, 31.5624)
contains.

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Color

**YUV(93.0110, 27.1096,
31.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	814094
RGB	129, 64, 148
RGB Percent	51%, 25%, 58%
CMY	0.4941, 0.7490, 0.4196
CMYK	0.13, 0.57, 0.00, 0.42
HSL	286°, 40%, 42%
HSV	286°, 57%, 58%
XYZ	16.2320, 10.4720, 29.1828
YIQ	93.0110, 11.7760, 39.9040

Conversions

Conversions Part 2

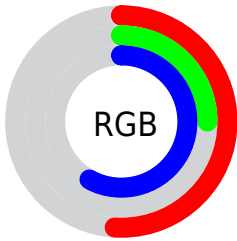
Format	Color
R _Y B	129, 64, 148
Decimal	8470676
CIE Lab	38.68, 41.73, -34.68
CIE LCh	39, 54.259, 320.272
Yxy	10.4720, 0.2904, 0.1874
Android (android.graphics.Color)	4286660756 (0xFF814094)
YUV	93.0110, 27.1096, 31.5624
Hunter-Lab	32.3605, 32.9042, -30.8154

Details

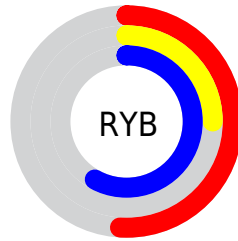
The YUV color **93.0110, 27.1096, 31.5624** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.9890, -27.1096, -31.5624**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6630, 28.2671, 33.6215**, and **40.5380, 27.8358, 31.9772** is the 20% darker color. If you saturate the color by 10%, you get **83.3090, 31.8927, 37.4400**, and if you desaturate by 10%, it is **102.7130, 22.3265, 25.6847**.

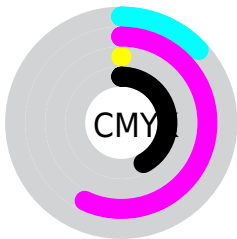
Distribution



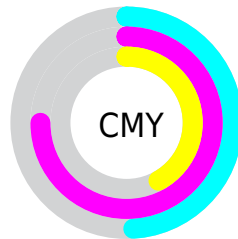
- Red (51%)
- Green (25%)
- Blue (58%)



- Red (51%)
- Yellow (25%)
- Blue (58%)



- Cyan (13%)
- Magenta (57%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.0110, 27.1096, 31.5624 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 93.0110, 27.1096, 31.5624 by changing the saturation by 10% instead.

93.0110, 27.1096,
31.5624

93.0110, 27.1096,
31.5624

255.0000, 0.0000,
0.0000

67.5980, 26.8202,
31.0476

145.6630, 28.2671,
33.6215

40.5380, 27.8358,
31.9772

172.4890, 28.8459,
34.6511

23.7560, 23.7843,
24.7700

199.7450, 27.2407,
36.1806

14.9690, 17.2703,
14.0592

220.3670, 17.0741,
30.3731

3.6650, 11.5042,
-3.2142

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 93.0110, 27.1096,
31.5624

■ 93.0110, 27.1096,
31.5624

■ 83.3090, 31.8927,
37.4400

■ 102.7130, 22.3265,
25.6847

■ 73.3080, 36.8232,
42.7029

■ 112.7140, 17.3960,
20.4218

■ 64.1930, 41.3169,
48.0657

■ 121.8290, 12.9023,
15.0590

■ 54.4910, 46.0999,
53.9434

■ 131.5310, 8.1192,
9.1813

■ 51.2570, 47.6943,
55.9026

■ 141.5320, 3.1887,
3.9184

■ 151.2340, -1.5944,
-1.9592

■ 160.9360, -6.3774,
-7.8369

■ 170.3500,
-11.0185, -12.5849

■ 180.0520,
-15.8016, -18.4626

Harmonies

Analogous

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



86.4640, 43.1552, -28.4709



93.0110, 27.1096, 31.5624



85.8770, 10.4136, 66.7599

Triad

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



93.0110, 27.1096, 31.5624



85.7860, -42.2925, 31.7597



78.8370, 20.2934, -69.1400

Complementary

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



93.0110, 27.1096, 31.5624



118.9890, -27.1096, -31.5624

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.



73.1200, 0.9268, -64.1262



93.0110, 27.1096, 31.5624



82.0440, -40.4477, -0.0386

Square

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



93.0110, 27.1096, 31.5624



85.5240, -31.3173, 58.2995



69.7140, -20.0720, -48.8612



81.4080, 37.7599, -71.3948

Rectangle

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



93.0110, 27.1096, 31.5624



83.1910, -2.5592, 74.3775



69.7140, -20.0720, -48.8612



77.2410, 14.1782, -67.7404

Sweetspot

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



93.0110, 27.1096, 31.5624



170.1230, 10.2924, 12.1701



85.3160, 30.9032, -18.6941



84.6510, 6.0881, 7.3221



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.



93.0110, 27.1096, 31.5624



106.0190, 41.8956, 49.0953



96.1840, 14.6993, 45.4426



69.2930, 2.3206, 2.3740



47.7250, 44.5056, 51.9842



3.5320, 3.1887, 3.9184

Inverse Universe

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



91.2820, -4.0830, 49.7417



103.2900, -6.0590, 76.9217



115.8160, -14.6993, -45.4426



69.2070, -0.5951, 4.2035



44.7960, -6.8014, 81.7399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 93.0110, 27.1096, 31.5624 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 93.0110, 27.1096, 31.5624 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 93.0110, 27.1096, 31.5624

Background



This preview shows how black text looks on a background with the YUV color 93.0110, 27.1096, 31.5624.



This preview shows how white text looks on a background with the YUV color 93.0110, 27.1096,

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

93.0110, 27.1096, 31.5624

Protanopia

85.9040, 42.4453, -34.1188

Deuteranopia

89.4420, 26.4041, -22.3126



Tritanopia

92.6440, -3.2755, 23.9912

Trichromacy



Original Color

93.0110, 27.1096, 31.5624

Protanomaly

88.5650, 36.6965, -10.1425

Deuteranomaly

90.9760, 26.6338, -2.6100

Tritanomaly

92.6410, 8.0650, 26.6248

Monochromacy



Original Color

93.0110, 27.1096, 31.5624

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0110, 27.1096, 31.5624 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(129, 64, 148)` looks like.

```
.text, #text, p{  
    color:rgb(129, 64, 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(129, 64, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 64, 148) }
```

Border

The CSS property to change the border of an element to YUV 93.0110, 27.1096, 31.5624 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(129, 64, 148) }
```


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

```
.border{ border-color:rgb(129, 64, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 64, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 64, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 64, 148);  
box-shadow:4px 4px 4px 4px rgb(129, 64,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 93.0110, 27.1096, 31.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 64, 148) }
```

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

```
.background{ background-color: rgb(129, 64,  
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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