

Converting Colors

YUV(97.8430, 28.6714, 43.9877)

Have a look what the booklet for
YUV(97.8430, 28.6714, 43.9877)
contains.

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Color

**YUV(97.8430, 28.6714,
43.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	943D9C
RGB	148, 61, 156
RGB Percent	58%, 24%, 61%
CMY	0.4196, 0.7608, 0.3882
CMYK	0.05, 0.61, 0.00, 0.39
HSL	295°, 44%, 43%
HSV	295°, 61%, 61%
XYZ	19.8822, 12.0337, 32.7273
YIQ	97.8430, 21.3570, 47.9890

Conversions

Conversions Part 2

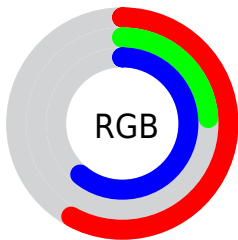
Format	Color
R_{YB}	148, 61, 156
Decimal	9715100
CIE _{Lab}	41.27, 49.96, -35.23
CIE _{LCh}	41, 61.132, 324.808
Yxy	12.0337, 0.3076, 0.1862
Android (android.graphics.Color)	4287905180 (0xFF943D9C)
YUV	97.8430, 28.6714, 43.9877
Hunter-Lab	34.6896, 41.5999, -31.6534

Details

The YUV color **97.8430, 28.6714, 43.9877** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **119.1570, -28.6714, -43.9877**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9680, 29.1028, 45.6321**, and **39.9620, 31.5707, 47.3913** is the 20% darker color. If you saturate the color by 10%, you get **88.1520, 33.4491, 51.6097**, and if you desaturate by 10%, it is **107.5340, 23.8937, 36.3657**.

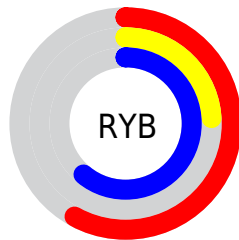
Distribution



Red (58%)

Green (24%)

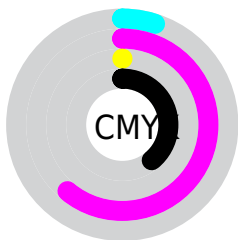
Blue (61%)



Red (58%)

Yellow (24%)

Blue (61%)

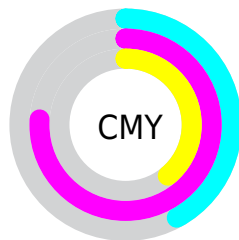


Cyan (5%)

Magenta (61%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (76%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8430, 28.6714, 43.9877 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 97.8430, 28.6714, 43.9877 by changing the saturation by 10% instead.

97.8430, 28.6714,
43.9877

97.8430, 28.6714,
43.9877

255.0000, 0.0000,
0.0000

70.9570, 29.1082,
43.8877

151.9680, 29.1028,
45.6321

39.9620, 31.5707,
47.3913

179.6800, 29.2448,
46.7616

29.4520, 24.9202,
33.8066

203.9310, 25.1770,
44.7875

19.8390, 17.8274,
22.0662

220.3670, 17.0741,
30.3731

6.2680, 13.6719,
1.5190

237.3900, 8.6817,
15.4440

0.7980, 3.0576,
-0.6998

254.4130, 0.2894,

0.0000, 0.0000,

0.5148

0.0000

■ 97.8430, 28.6714,
43.9877

■ 97.8430, 28.6714,
43.9877

■ 88.1520, 33.4491,
51.6097

■ 107.5340, 23.8937,
36.3657

■ 78.7490, 38.0847,
58.1021

■ 116.9370, 19.2581,
29.8733

■ 69.0580, 42.8624,
65.7241

■ 126.6280, 14.4804,
22.2512

■ 60.5410, 47.0613,
72.3165

■ 135.7320, 9.9921,
15.1440

■ 145.7220, 5.0671,
8.1368

■ 155.4130, 0.2894,
0.5148

■ 164.5170, -4.1989,
-6.5924

■ 174.5070, -9.1240,
-13.5996

■ 183.6110,
-13.6122, -20.7068

Harmonies

Analogous

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



94.7300, 46.4751, -19.9342



97.8430, 28.6714, 43.9877



87.2640, 10.2228, 81.3295

Triad

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



97.8430, 28.6714, 43.9877



91.6780, -45.1973, 30.1004



85.5850, 25.8406, -75.0580

Complementary

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



97.8430, 28.6714, 43.9877



119.1570, -28.6714, -43.9877

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.



79.7710, 3.5639, -69.9592



97.8430, 28.6714, 43.9877



86.1310, -42.4626, -7.1309

Square

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



97.8430, 28.6714, 43.9877



90.0980, -41.9533, 63.0581



71.2670, -18.8656, -62.5012



88.4980, 44.6175, -77.6127

Rectangle

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



97.8430, 28.6714, 43.9877



84.6980, -4.7811, 87.0879



71.2670, -18.8656, -62.5012



83.7610, 18.8518, -73.4584

Sweetspot

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



97.8430, 28.6714, 43.9877



181.3840, 11.1497, 17.2032



77.1130, 38.8913, -14.1311



88.4880, 6.6614, 10.0960



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



97.8430, 28.6714, 43.9877



112.6500, 45.0356, 68.7130



95.9030, 10.8938, 52.7051



74.0050, 2.4625, 3.5036



55.4710, 43.1518, 66.2389



5.8960, 4.4883, 7.1072

Inverse Universe

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



90.3170, -10.5093, 57.6040



101.0330, -16.2853, 90.3021



121.0970, -10.8938, -52.7051



73.5060, -0.7425, 4.8182



44.1250, -15.8376, 86.7134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 97.8430, 28.6714, 43.9877 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 97.8430, 28.6714, 43.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

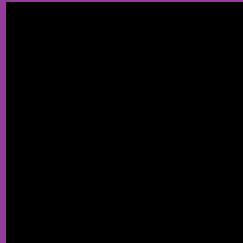
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8430, 28.6714, 43.9877

Background



This preview shows how black text looks on a background with the YUV color 97.8430, 28.6714, 43.9877.



This preview shows how white text looks on a background with the YUV color 97.8430, 28.6714,

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

97.8430, 28.6714, 43.9877

Protanopia

90.6520, 47.9926, -40.0368

Deuteranopia

96.4530, 26.3987, -20.5683



Tritanopia

99.0260, -5.9288, 35.0572

Trichromacy



Original Color

97.8430, 28.6714, 43.9877



Protanomaly

93.3030, 40.7696, -9.9127



Deuteranomaly

97.1230, 27.0544, 2.5231



Tritanomaly

98.6640, 6.5746, 38.0057

Monochromacy



Original Color

97.8430, 28.6714, 43.9877



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.1450, 10.2815, 15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8430, 28.6714, 43.9877 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(148, 61, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 61, 156)  
}
```

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(148, 61, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 61, 156) }
```

Border

The CSS property to change the border of an element to YUV 97.8430, 28.6714, 43.9877 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(148, 61, 156) }
```


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

```
.border{ border-color:rgb(148, 61, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 61, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 61, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 61, 156); box-shadow:4px 4px 4px 4px rgb(148, 61, 156) }
```

Background

The CSS property to change the background color of an element to YUV 97.8430, 28.6714, 43.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 61, 156) }
```

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

```
.background{ background-color: rgb(148, 61,  
156) }
```

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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