

Converting Colors

YUV(93.8690, 32.6026, 43.0879)

Have a look what the booklet for
YUV(93.8690, 32.6026, 43.0879)
contains.

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Color

**YUV(93.8690, 32.6026,
43.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	8F38A0
RGB	143, 56, 160
RGB Percent	56%, 22%, 63%
CMY	0.4392, 0.7804, 0.3725
CMYK	0.11, 0.65, 0.00, 0.37
HSL	290°, 48%, 42%
HSV	290°, 65%, 63%
XYZ	19.0870, 11.2061, 34.4147
YIQ	93.8690, 18.4680, 50.7880

Conversions

Conversions Part 2

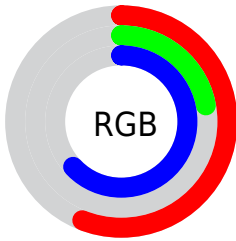
Format	Color
R _Y B	143, 56, 160
Decimal	9386144
CIE Lab	39.93, 51.74, -39.81
CIE LCh	40, 65.286, 322.423
Yxy	11.2061, 0.2950, 0.1732
Android (android.graphics.Color)	4287576224 (0xFF8F38A0)
YUV	93.8690, 32.6026, 43.0879
Hunter-Lab	33.4754, 43.1951, -37.5207

Details

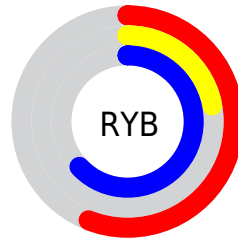
The YUV color **93.8690, 32.6026, 43.0879** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **122.1310, -32.6026, -43.0879**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9940, 33.0340, 44.7323**, and **38.9230, 34.0550, 43.9175** is the 20% darker color. If you saturate the color by 10%, you get **83.5800, 37.6751, 49.4803**, and if you desaturate by 10%, it is **104.1580, 27.5301, 36.6954**.

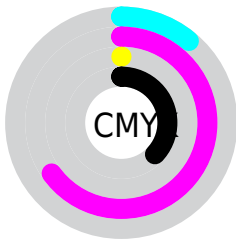
Distribution



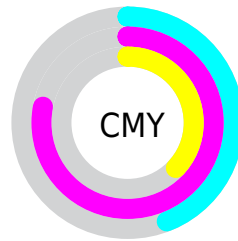
- Red (56%)
- Green (22%)
- Blue (63%)



- Red (56%)
- Yellow (22%)
- Blue (63%)



- Cyan (11%)
- Magenta (65%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (78%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8690, 32.6026, 43.0879 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 93.8690, 32.6026, 43.0879 by changing the saturation by 10% instead.

93.8690, 32.6026,
43.0879

93.8690, 32.6026,
43.0879

255.0000, 0.0000,
0.0000

65.6950, 33.1814,
44.1175

147.9940, 33.0340,
44.7323

38.9230, 34.0550,
43.9175

175.8200, 33.6127,
45.7619

28.2990, 26.9676,
30.4328

200.9960, 26.6240,
47.3615

19.0990, 20.1642,
19.2072

217.4320, 18.5210,
32.9471

4.2180, 16.1615,
-3.6992

234.4550, 10.1287,
18.0180

1.3680, 5.2416,
-1.1997

251.4780, 1.7363,

0.0000, 0.0000,

3.0888

0.0000

■ 93.8690, 32.6026,
43.0879

■ 93.8690, 32.6026,
43.0879

■ 83.5800, 37.6751,
49.4803

■ 104.1580, 27.5301,
36.6954

■ 73.5900, 42.6001,
56.4876

■ 114.1480, 22.6050,
29.6882

■ 63.3010, 47.6726,
62.8800

■ 124.4370, 17.5326,
23.2958

■ 58.3060, 50.1351,
66.3836

■ 134.4270, 12.6075,
16.2885

■ 144.7160, 7.5350,
9.8961

■ 155.0050, 2.4625,
3.5036

■ 164.9950, -2.4625,
-3.5036

■ 175.2840, -7.5350,
-9.8961

■ 185.5730,
-12.6075, -16.2885

Harmonies

Analogous

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



86.9500, 52.7756, -34.1592



93.8690, 32.6026, 43.0879



76.6270, 16.4529, 89.7811

Triad

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



93.8690, 32.6026, 43.0879



88.7430, -43.7503, 32.6744



83.9550, 24.6722, -73.6285

Complementary

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



93.8690, 32.6026, 43.0879



122.1310, -32.6026, -43.0879

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.



76.9840, 0.5009, -67.5150



93.8690, 32.6026, 43.0879



83.4840, -41.1576, -5.6865

Square

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



93.8690, 32.6026, 43.0879



85.1310, -41.9696, 68.2911



67.7960, -24.5494, -59.4571



87.3240, 45.1963, -76.5831

Rectangle

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



93.8690, 32.6026, 43.0879



72.6700, 1.1487, 98.5134



67.7960, -24.5494, -59.4571



81.9030, 16.8098, -71.8289

Sweetspot

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



93.8690, 32.6026, 43.0879



182.2530, 13.1863, 17.3181



77.8350, 40.5073, -19.1493



88.2430, 8.2612, 10.3109



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.



93.8690, 32.6026, 43.0879



105.2460, 51.1507, 67.3133



94.9620, 14.8087, 57.0383



74.0050, 2.4625, 3.5036



51.8830, 44.9207, 58.8616



5.5970, 4.6357, 6.4924

Inverse Universe

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



89.0340, -7.9048, 62.2372



97.8150, -12.2338, 97.5092



121.0380, -14.8087, -57.0383



73.5060, -0.7425, 4.8182



45.3790, -11.0328, 85.6136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 93.8690, 32.6026, 43.0879 looks on a white background.

Color Contrast Check

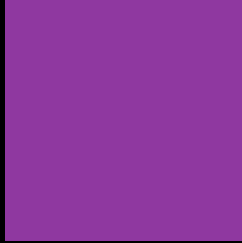
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.8690, 32.6026, 43.0879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

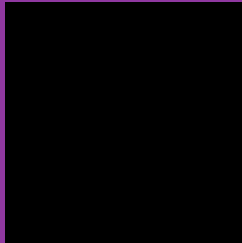
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8690, 32.6026, 43.0879

Background



This preview shows how black text looks on a background with the YUV color 93.8690, 32.6026, 43.0879.



This preview shows how white text looks on a background with the YUV color 93.8690, 32.6026,

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

93.8690, 32.6026, 43.0879

Protanopia

75.5330, 58.4042, -66.2424

Deuteranopia

91.1470, 30.4935, -27.3159



Tritanopia

95.8300, -5.3392, 32.5981

Trichromacy



Original Color

93.8690, 32.6026, 43.0879



Protanomaly

82.0820, 49.2596, -26.3819



Deuteranomaly

92.2410, 31.4332, -1.9654



Tritanomaly

95.4080, 8.1799, 36.4762

Monochromacy



Original Color

93.8690, 32.6026, 43.0879



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

93.9000, 11.8813, 15.8737

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8690, 32.6026, 43.0879 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(143, 56, 160)` looks like.

```
.text, #text, p{  
    color:rgb(143, 56, 160)  
}
```

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(143, 56, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 56, 160) }
```

Border

The CSS property to change the border of an element to YUV 93.8690, 32.6026, 43.0879 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(143, 56, 160) }
```


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

```
.border{ border-color:rgb(143, 56, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 56, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 56, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 56, 160); box-shadow:4px 4px 4px 4px rgb(143, 56, 160) }
```

Background

The CSS property to change the background color of an element to YUV 93.8690, 32.6026, 43.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 56, 160) }
```

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

```
.background{ background-color: rgb(143, 56,  
160) }
```

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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