

Converting Colors

YUV(92.0820, 32.9906, 58.6871)

Have a look what the booklet for
YUV(92.0820, 32.9906, 58.6871)
contains.

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Color

**YUV(92.0820, 32.9906,
58.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2D9F
RGB	159, 45, 159
RGB Percent	62%, 18%, 62%
CMY	0.3765, 0.8235, 0.3765
CMYK	0.00, 0.72, 0.00, 0.38
HSL	300°, 56%, 40%
HSV	300°, 72%, 62%
XYZ	21.4945, 11.7509, 33.9362
YIQ	92.0820, 31.3500, 59.6220

Conversions

Conversions Part 2

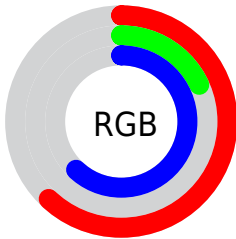
Format	Color
R_{YB}	159, 45, 159
Decimal	10431903
CIE _{Lab}	40.82, 59.72, -37.64
CIE _{LCh}	41, 70.594, 327.779
Yxy	11.7509, 0.3199, 0.1749
Android (android.graphics.Color)	4288621983 (0xFF9F2D9F)
YUV	92.0820, 32.9906, 58.6871
Hunter-Lab	34.2796, 51.9363, -34.7003

Details

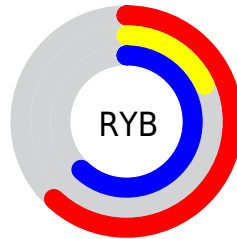
The YUV color **92.0820, 32.9906, 58.6871** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **111.9180, -32.9906, -58.6871**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1530, 31.9696, 59.5018**, and **43.2940, 31.4071, 53.2392** is the 20% darker color. If you saturate the color by 10%, you get **82.6900, 37.6208, 66.9239**, and if you desaturate by 10%, it is **101.4740, 28.3603, 50.4503**.

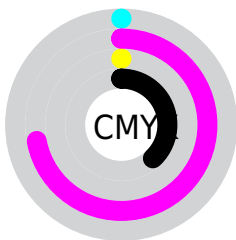
Distribution



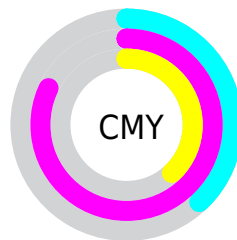
- Red (62%)
- Green (18%)
- Blue (62%)



- Red (62%)
- Yellow (18%)
- Blue (62%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.0820, 32.9906, 58.6871 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 92.0820, 32.9906, 58.6871 by changing the saturation by 10% instead.

92.0820, 32.9906,
58.6871

92.0820, 32.9906,
58.6871

255.0000, 0.0000,
0.0000

56.0920, 37.9156,
65.6943

149.1530, 31.9696,
59.5018

43.2940, 31.4071,
53.2392

177.5660, 32.2590,
60.0166

32.3710, 24.4671,
39.1396

197.4740, 28.3603,
50.4503

22.5730, 17.9585,
26.6845

214.4970, 19.9680,
35.5211

10.3830, 12.6292,
9.3111

231.5200, 11.5756,
20.5920

1.2540, 4.8048,
-1.0998

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 92.0820, 32.9906,
58.6871

■ 92.0820, 32.9906,
58.6871

■ 82.6900, 37.6208,
66.9239

■ 101.4740, 28.3603,
50.4503

■ 73.2980, 42.2511,
75.1607

■ 110.8660, 23.7301,
42.2135

■ 65.6670, 46.0132,
81.8530

■ 120.2580, 19.0998,
33.9767

■ 129.6500, 14.4695,
25.7399

■ 139.0420, 9.8393,
17.5032

■ 147.8470, 5.4984,
9.7812

■ 157.2390, 0.8682,
1.5444

■ 166.6310, -3.7621,
-6.6924

■ 176.0230, -8.3923,
-14.9292

Harmonies

Analogous

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



93.3480, 52.5794, -17.8452



92.0820, 32.9906, 58.6871



68.8510, 16.8355, 107.1247

Triad

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



92.0820, 32.9906, 58.6871



91.0690, -44.8970, 27.1265



87.4260, 30.3560, -76.6726

Complementary

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



92.0820, 32.9906, 58.6871



111.9180, -32.9906, -58.6871

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.



80.7000, 4.5849, -70.7739



92.0820, 32.9906, 58.6871



82.5320, -40.6883, -16.2526

Square

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



92.0820, 32.9906, 58.6871



87.7780, -43.2746, 66.8467



71.0560, -22.2126, -62.3161



90.9090, 51.3169, -79.7272

Rectangle

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



92.0820, 32.9906, 58.6871



65.4160, -0.2051, 112.7682



71.0560, -22.2126, -62.3161



85.2600, 22.0568, -74.7730

Sweetspot

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



92.0820, 32.9906, 58.6871



179.9980, 13.3120, 23.6808



57.9960, 49.7950, -11.3975



88.5640, 8.1029, 14.4144



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.



92.0820, 32.9906, 58.6871



102.5140, 51.5116, 91.6342



85.5840, 8.0931, 64.3858



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Inverse Universe

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



92.0820, 32.9906, 58.6871



102.5140, 51.5116, 91.6342



118.4160, -8.0931, -64.3858



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 92.0820, 32.9906, 58.6871 looks on a white background.

Color Contrast Check

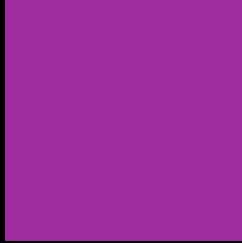
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.0820, 32.9906, 58.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

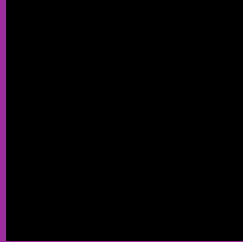
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.0820, 32.9906, 58.6871

Background



This preview shows how black text looks on a background with the YUV color 92.0820, 32.9906, 58.6871.



This preview shows how white text looks on a background with the YUV color 92.0820, 32.9906,

58.6871.

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

92.0820, 32.9906, 58.6871

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

94.7840, 27.7145, -22.6126



Tritanopia

96.5930, -9.1663, 46.8379

Trichromacy



Original Color

92.0820, 32.9906, 58.6871



Protanomaly

82.9300, 49.8275, -21.8636



Deuteranomaly

93.8400, 29.6589, 7.1563



Tritanomaly

94.9260, 5.9525, 50.9309

Monochromacy



Original Color

92.0820, 32.9906, 58.6871



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

91.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.0820, 32.9906, 58.6871 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(159, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 45, 159)  
}
```

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(159, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 45, 159) }
```

Border

The CSS property to change the border of an element to YUV 92.0820, 32.9906, 58.6871 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(159, 45, 159) }
```


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

```
.border{ border-color:rgb(159, 45, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 45, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 45,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 92.0820, 32.9906, 58.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 45, 159) }
```

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

```
.background{ background-color: rgb(159, 45,  
159) }
```

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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