

Converting Colors

YUV(90.1310, 28.5294, 42.8581)

Have a look what the booklet for
YUV(90.1310, 28.5294, 42.8581)
contains.

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Color

**YUV(90.1310, 28.5294,
42.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3694
RGB	139, 54, 148
RGB Percent	55%, 21%, 58%
CMY	0.4549, 0.7882, 0.4196
CMYK	0.06, 0.64, 0.00, 0.42
HSL	294°, 47%, 40%
HSV	294°, 64%, 58%
XYZ	17.3119, 10.2654, 29.0860
YIQ	90.1310, 20.4860, 47.2540

Conversions

Conversions Part 2

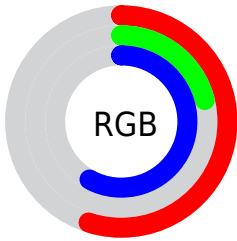
Format	Color
R _Y B	139, 54, 148
Decimal	9123476
CIE Lab	38.31, 49.31, -35.16
CIE LCh	38, 60.562, 324.510
Yxy	10.2654, 0.3055, 0.1812
Android (android.graphics.Color)	4287313556 (0xFF8B3694)
YUV	90.1310, 28.5294, 42.8581
Hunter-Lab	32.0397, 40.3790, -31.3963

Details

The YUV color **90.1310, 28.5294, 42.8581** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **111.8690, -28.5294, -42.8581**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2560, 28.9608, 44.5025**, and **36.7720, 29.6924, 43.1730** is the 20% darker color. If you saturate the color by 10%, you get **81.0270, 33.0177, 49.9653**, and if you desaturate by 10%, it is **99.2350, 24.0411, 35.7509**.

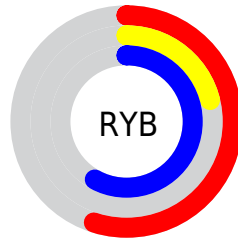
Distribution



Red (55%)

Green (21%)

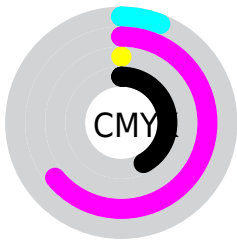
Blue (58%)



Red (55%)

Yellow (21%)

Blue (58%)

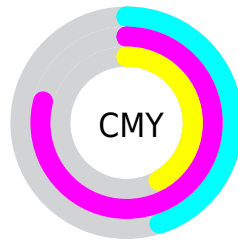


Cyan (6%)

Magenta (64%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (79%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1310, 28.5294, 42.8581 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 90.1310, 28.5294, 42.8581 by changing the saturation by 10% instead.

90.1310, 28.5294,
42.8581

90.1310, 28.5294,
42.8581

255.0000, 0.0000,
0.0000

62.6580, 29.2556,
43.2729

144.2560, 28.9608,
44.5025

36.7720, 29.6924,
43.1730

171.3810, 29.3922,
46.1469

26.1480, 22.6050,
29.6882

199.2240, 27.4976,
47.1616

17.0620, 16.2384,
18.3626

215.6710, 19.3892,
34.4915

3.6650, 11.5042,
-3.2142

232.6940, 10.9969,
19.5624

0.0000, 0.0000,
0.0000

249.7170, 2.6045,

4.6332

■ 90.1310, 28.5294,
42.8581

■ 90.1310, 28.5294,
42.8581

■ 81.0270, 33.0177,
49.9653

■ 99.2350, 24.0411,
35.7509

■ 71.6240, 37.6534,
56.4578

■ 108.6380, 19.4055,
29.2585

■ 63.1070, 41.8522,
63.0502

■ 117.1550, 15.2066,
22.6661

■ 56.9380, 44.8936,
67.5834

■ 126.5580, 10.5709,
16.1736

■ 135.6620, 6.0826,
9.0664

■ 145.0650, 1.4470,
2.5740

■ 154.1690, -3.0413,
-4.5332

■ 162.6860, -7.2402,
-11.1256

■ 172.0890,
-11.8759, -17.6181

Harmonies

Analogous

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



86.7190, 46.4805, -21.6786



90.1310, 28.5294, 42.8581



77.6060, 11.5332, 81.0295

Triad

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



90.1310, 28.5294, 42.8581



85.1770, -41.9923, 28.7858



79.9770, 24.6613, -70.1398

Complementary

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



90.1310, 28.5294, 42.8581



111.8690, -28.5294, -42.8581

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.



74.1630, 2.3846, -65.0410



90.1310, 28.5294, 42.8581



79.3420, -39.1156, -7.3159

Square

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



90.1310, 28.5294, 42.8581



82.7280, -40.7849, 61.6285



65.7730, -19.6081, -57.6829



82.7760, 43.0014, -72.5946

Rectangle

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



90.1310, 28.5294, 42.8581



75.4530, -3.1813, 87.3027



65.7730, -19.6081, -57.6829



78.1530, 17.6726, -68.5402

Sweetspot

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



90.1310, 28.5294, 42.8581



168.9710, 10.8603, 16.6884



69.9990, 38.4545, -14.0311



83.4880, 6.6614, 10.0960



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.



90.1310, 28.5294, 42.8581



101.6990, 44.0254, 66.0390



88.4900, 10.6044, 52.1903



69.5920, 2.1731, 2.9888



53.1070, 41.8522, 63.0502



3.8310, 3.0413, 4.5332

Inverse Universe

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



83.1320, -9.9251, 56.8892



90.9510, -15.2588, 87.7430



113.5100, -10.6044, -52.1903



69.0930, -1.0318, 4.3034



42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 90.1310, 28.5294, 42.8581 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 90.1310, 28.5294, 42.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

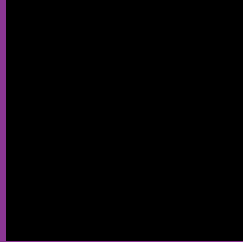
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1310, 28.5294, 42.8581

Background



This preview shows how black text looks on a background with the YUV color 90.1310, 28.5294, 42.8581.



This preview shows how white text looks on a background with the YUV color 90.1310, 28.5294,

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

90.1310, 28.5294, 42.8581

Protanopia

81.4450, 48.5876, -44.2403

Deuteranopia

88.7410, 26.2567, -21.6979



Tritanopia

91.4280, -5.6340, 33.8276

Trichromacy



Original Color

90.1310, 28.5294, 42.8581

Protanomaly

84.6940, 41.0699, -12.8866

Deuteranomaly

89.4110, 26.9124, 1.3936

Tritanomaly

91.0660, 6.8695, 36.7761

Monochromacy



Original Color

90.1310, 28.5294, 42.8581

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1450, 10.2815, 15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1310, 28.5294, 42.8581 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(139, 54, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 54, 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(139, 54, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 54, 148) }
```

Border

The CSS property to change the border of an element to YUV 90.1310, 28.5294, 42.8581 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(139, 54, 148) }
```


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

```
.border{ border-color:rgb(139, 54, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 54, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 54, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 54, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 54,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 90.1310, 28.5294, 42.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 54, 148) }
```

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

```
.background{ background-color: rgb(139, 54,  
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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