

Converting Colors

YUV(110.9180, 31.5924,
40.4139)

Have a look what the booklet for
YUV(110.9180, 31.5924, 40.4139)
contains.

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Color

**YUV(110.9180, 31.5924,
40.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4BAF
RGB	157, 75, 175
RGB Percent	62%, 29%, 69%
CMY	0.3843, 0.7059, 0.3137
CMYK	0.10, 0.57, 0.00, 0.31
HSL	289°, 40%, 49%
HSV	289°, 57%, 69%
XYZ	24.1586, 15.2954, 42.2364
YIQ	110.9180, 16.7720, 48.4840

Conversions

Conversions Part 2

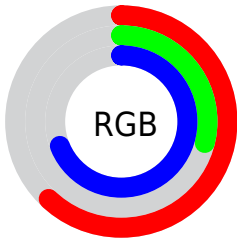
Format	Color
R_{YB}	157, 75, 175
Decimal	10308527
CIE _{Lab}	46.04, 49.33, -38.90
CIE _{LCh}	46, 62.821, 321.739
Yxy	15.2954, 0.2957, 0.1872
Android (android.graphics.Color)	4288498607 (0xFF9D4BAF)
YUV	110.9180, 31.5924, 40.4139
Hunter-Lab	39.1093, 41.8215, -36.6542

Details

The YUV color **110.9180, 31.5924, 40.4139** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **139.0820, -31.5924, -40.4139**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4560, 32.3132, 42.5731**, and **56.4450, 32.3186, 40.8287** is the 20% darker color. If you saturate the color by 10%, you get **100.0420, 36.9543, 47.3212**, and if you desaturate by 10%, it is **122.3810, 25.9412, 32.9919**.

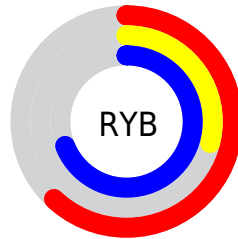
Distribution



Red (62%)

Green (29%)

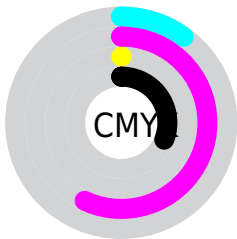
Blue (69%)



Red (62%)

Yellow (29%)

Blue (69%)

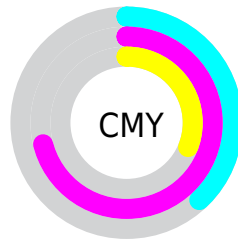


Cyan (10%)

Magenta (57%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (71%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9180, 31.5924, 40.4139 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 110.9180, 31.5924, 40.4139 by changing the saturation by 10% instead.

■ 110.9180, 31.5924,
40.4139

■ 110.9180, 31.5924,
40.4139

■ 255.0000, 0.0000,
0.0000

■ 84.5050, 31.3030,
39.8991

■ 165.4560, 32.3132,
42.5731

■ 56.4450, 32.3186,
40.8287

■ 192.7120, 30.7080,
44.1026

■ 33.7820, 31.1665,
37.0252

■ 212.1490, 21.1255,
37.5803

■ 23.4570, 23.9317,
24.1552

■ 229.1720, 12.7332,
22.6512

■ 13.6590, 17.4231,
11.7001

■ 246.1950, 4.3409,
7.7220

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 110.9180, 31.5924,
40.4139

■ 110.9180, 31.5924,
40.4139

■ 100.0420, 36.9543,
47.3212

■ 122.3810, 25.9412,
32.9919

■ 88.5790, 42.6056,
54.7432

■ 133.2570, 20.5793,
26.0846

■ 77.1160, 48.2568,
62.1653

■ 144.7200, 14.9280,
18.6626

■ 65.9410, 53.7661,
68.4577

■ 155.8950, 9.4188,
12.3701

■ 63.0060, 55.2130,
71.0317

■ 167.3580, 3.7675,
4.9480

■ 178.2340, -1.5944,
-1.9592

■ 189.6970, -7.2456,
-9.3813

■ 200.5730,
-12.6075, -16.2885

■ 212.0360,
-18.2587, -23.7106

Harmonies

Analogous

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



104.8150, 50.8702, -29.6558



110.9180, 31.5924, 40.4139



101.7200, 11.9700, 80.9296

Triad

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



110.9180, 31.5924, 40.4139



102.9300, -50.7445, 36.0184



94.2420, 26.0097, -82.6502

Complementary

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



110.9180, 31.5924, 40.4139



139.0820, -31.5924, -40.4139

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.



87.3850, 2.2752, -76.6366



110.9180, 31.5924, 40.4139



97.6710, -48.1518, -2.3425

Square

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



110.9180, 31.5924, 40.4139



102.5270, -39.2068, 68.8208



78.7670, -20.5911, -69.0787



97.4970, 46.0970, -85.5049

Rectangle

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



110.9180, 31.5924, 40.4139



98.6490, -3.7710, 89.7618



78.7670, -20.5911, -69.0787



92.1900, 18.1473, -80.8506

Sweetspot

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



110.9180, 31.5924, 40.4139



202.0140, 12.3181, 15.7737



96.9660, 38.4708, -19.2642



100.3030, 7.2456, 9.3813



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



110.9180, 31.5924, 40.4139



126.4690, 49.5618, 63.6097



112.6520, 14.9616, 54.6792



81.1190, 2.8993, 3.4036



53.8770, 47.3886, 60.6209



8.3030, 7.2456, 9.3813

Inverse Universe

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



106.9520, -6.8783, 59.6781



120.2490, -10.4758, 93.6206



137.3480, -14.9616, -54.6792



80.9190, -0.4531, 5.3330



47.9280, -10.3175, 89.5171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 110.9180, 31.5924, 40.4139 looks on a white background.

Color Contrast Check

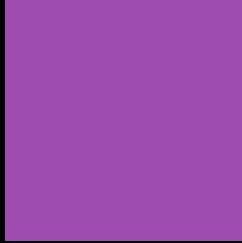
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9180, 31.5924, 40.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

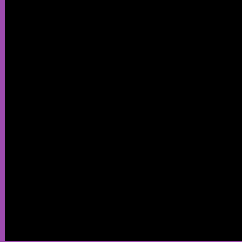
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.9180, 31.5924, 40.4139

Background



This preview shows how black text looks on a background with the YUV color 110.9180, 31.5924, 40.4139.



This preview shows how white text looks on a background with the YUV color 110.9180, 31.5924,

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

110.9180, 31.5924, 40.4139

Protanopia

102.8200, 49.8817, -39.3071

Deuteranopia

107.1690, 30.4827, -23.8272



Tritanopia

111.3460, -4.6076, 31.2686

Trichromacy



Original Color

110.9180, 31.5924, 40.4139

Protanomaly

105.8730, 42.9536, -10.4126

Deuteranomaly

108.7250, 30.7016, -0.6358

Tritanomaly

111.5110, 8.6221, 34.6319

Monochromacy



Original Color

110.9180, 31.5924, 40.4139

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9180, 31.5924, 40.4139 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(157, 75, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 75, 175)  
}
```

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(157, 75, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 75, 175) }
```

Border

The CSS property to change the border of an element to YUV 110.9180, 31.5924, 40.4139 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(157, 75, 175) }
```


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

```
.border{ border-color:rgb(157, 75, 175) }
```

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

Here you see how a box with a 4 pixel rgb(157, 75, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 75, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 75, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 75,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 110.9180, 31.5924, 40.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 75, 175) }
```

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

```
.background{ background-color: rgb(157, 75,  
175) }
```

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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