

Converting Colors

YUV(103.9470, 27.6341,
50.0355)

Have a look what the booklet for
YUV(103.9470, 27.6341, 50.0355)
contains.

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Color

**YUV(103.9470, 27.6341,
50.0355)**

Conversions

Conversions Part 1

Format	Color
Hex	A140A0
RGB	161, 64, 160
RGB Percent	63%, 25%, 63%
CMY	0.3686, 0.7490, 0.3725
CMYK	0.00, 0.60, 0.01, 0.37
HSL	301°, 43%, 44%
HSV	301°, 60%, 63%
XYZ	22.8765, 13.7819, 34.7122
YIQ	103.9470, 26.9960, 50.4200

Conversions

Conversions Part 2

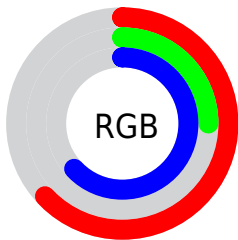
Format	Color
R_{YB}	161, 64, 160
Decimal	10567840
CIE _{Lab}	43.92, 52.75, -33.32
CIE _{LCh}	44, 62.391, 327.721
Yxy	13.7819, 0.3205, 0.1931
Android (android.graphics.Color)	4288757920 (0xFFA140A0)
YUV	103.9470, 27.6341, 50.0355
Hunter-Lab	37.1240, 45.0280, -29.4513

Details

The YUV color **103.9470, 27.6341, 50.0355** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **121.0530, -27.6341, -50.0355**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9580, 27.6287, 51.7798**, and **44.0060, 31.5490, 54.3687** is the 20% darker color. If you saturate the color by 10%, you get **94.5550, 32.2644, 58.2723**, and if you desaturate by 10%, it is **113.3390, 23.0039, 41.7987**.

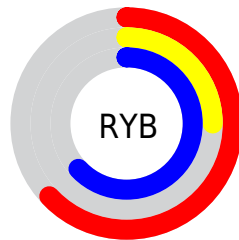
Distribution



Red (63%)

Green (25%)

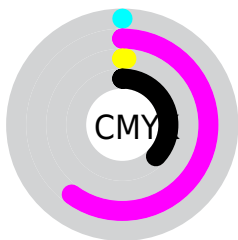
Blue (63%)



Red (63%)

Yellow (25%)

Blue (63%)

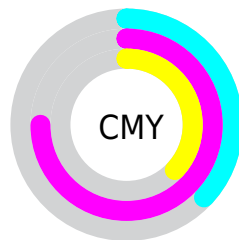


Cyan (0%)

Magenta (60%)

Yellow (1%)

Black (37%)



Cyan (37%)


Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.9470, 27.6341, 50.0355 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 103.9470, 27.6341, 50.0355 by changing the saturation by 10% instead.


 103.9470, 27.6341,
50.0355


 103.9470, 27.6341,
50.0355


255.0000, 0.0000,
0.0000

 76.1750, 28.5077,
49.8355


 158.9580, 27.6287,
51.7798


 44.0060, 31.5490,
54.3687


 186.7840, 28.2075,
52.8094

 33.3820, 24.4617,
40.8840


 206.8660, 23.7301,
42.2135

 23.2850, 18.1005,
27.8141

 223.3020, 15.6271,
27.7991

 12.8890, 11.8867,
14.1293

 240.3250, 7.2348,
12.8700

 2.0690, 5.3890,
-1.8145

 0.0000, 0.0000,

0.0000

■ 103.9470, 27.6341,
50.0355

■ 103.9470, 27.6341,
50.0355

■ 94.5550, 32.2644,
58.2723

■ 113.3390, 23.0039,
41.7987

■ 85.1630, 36.8946,
66.5090

■ 122.7310, 18.3736,
33.5619

■ 75.7710, 41.5249,
74.7458

■ 132.1230, 13.7434,
25.3251

■ 66.2650, 45.7184,
83.0826

■ 141.6290, 9.5499,
16.9884

■ 151.6080, 4.6303,
8.2368

■ 161.0000, 0.0000,
0.0000

■ 170.3920, -4.6303,
-8.2368

■ 179.7840, -9.2605,
-16.4736

■ 189.1760,
-13.8908, -24.7104

Harmonies

Analogous

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



103.3720, 46.1586, -11.7272



103.9470, 27.6341, 50.0355



93.7160, 8.0280, 85.3181

Triad

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



103.9470, 27.6341, 50.0355



97.2710, -47.9546, 27.8263



91.1760, 29.4932, -79.9614

Complementary

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



103.9470, 27.6341, 50.0355



121.0530, -27.6341, -50.0355

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.



85.1340, 6.3429, -74.6625



103.9470, 27.6341, 50.0355



91.1260, -44.9251, -10.6345

Square

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



103.9470, 27.6341, 50.0355



96.3600, -46.0265, 62.8283



77.2170, -16.3760, -67.7193



93.3880, 48.1227, -81.9013

Rectangle

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



103.9470, 27.6341, 50.0355



92.4980, -8.1335, 89.0173



77.2170, -16.3760, -67.7193



89.8250, 21.7783, -78.7765

Sweetspot

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



103.9470, 27.6341, 50.0355



186.6940, 10.9969, 19.5624



75.0580, 42.3694, -9.6979



91.3850, 6.2192, 11.9404



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.



103.9470, 27.6341, 50.0355



120.8360, 42.9719, 77.3198



98.4750, 6.6678, 54.8344



76.7170, 2.6045, 4.6332



59.7710, 41.5249, 74.7458



7.4340, 5.2090, 9.2664

Inverse Universe

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



103.9470, 27.6341, 50.0355



120.8360, 42.9719, 77.3198



126.4110, -7.1046, -54.7344



76.7170, 2.6045, 4.6332



59.7710, 41.5249, 74.7458



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 103.9470, 27.6341, 50.0355 looks on a white background.

Color Contrast Check

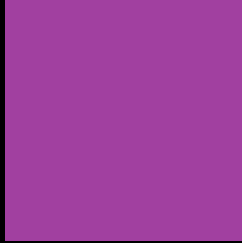
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9470, 27.6341, 50.0355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

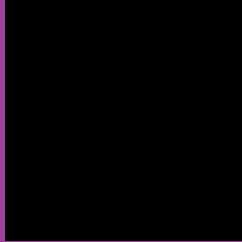
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9470, 27.6341, 50.0355

Background



This preview shows how black text looks on a background with the YUV color 103.9470, 27.6341, 50.0355.



This preview shows how white text looks on a background with the YUV color 103.9470, 27.6341,

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

103.9470, 27.6341, 50.0355

Protanopia

98.1470, 47.2555, -36.9629

Deuteranopia

103.6060, 24.3512, -17.1945



Tritanopia

105.3150, -7.5503, 41.8197

Trichromacy



Original Color

103.9470, 27.6341, 50.0355



Protanomaly

100.5100, 40.1746, -5.7093



Deuteranomaly

103.5150, 25.8751, 7.4413



Tritanomaly

104.9530, 4.9532, 44.7682

Monochromacy



Original Color

103.9470, 27.6341, 50.0355



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.7540, 9.9813, 18.6327

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9470, 27.6341, 50.0355 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(161, 64, 160)` looks like.

```
.text, #text, p{  
    color:rgb(161, 64, 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(161, 64, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 160) }
```

Border

The CSS property to change the border of an element to YUV 103.9470, 27.6341, 50.0355 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(161, 64, 160) }
```


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

```
.border{ border-color:rgb(161, 64, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 64, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 64, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 64, 160); box-shadow:4px 4px 4px 4px rgb(161, 64, 160) }
```

Background

The CSS property to change the background color of an element to YUV 103.9470, 27.6341, 50.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 160) }
```

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

```
.background{ background-color: rgb(161, 64,  
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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