

Converting Colors

YUV(105.3170, 23.0147,
38.3100)

Have a look what the booklet for
YUV(105.3170, 23.0147, 38.3100)
contains.

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Color

**YUV(105.3170, 23.0147,
38.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	954A98
RGB	149, 74, 152
RGB Percent	58%, 29%, 60%
CMY	0.4157, 0.7098, 0.4039
CMYK	0.02, 0.51, 0.00, 0.40
HSL	298°, 35%, 44%
HSV	298°, 51%, 60%
XYZ	20.5107, 13.5541, 31.2409
YIQ	105.3170, 19.6620, 40.1580

Conversions

Conversions Part 2

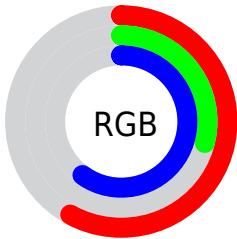
Format	Color
R_{YB}	149, 74, 152
Decimal	9783960
CIE _{Lab}	43.59, 43.07, -29.18
CIE _{LCh}	44, 52.019, 325.883
Yxy	13.5541, 0.3141, 0.2075
Android (android.graphics.Color)	4287974040 (0xFF954A98)
YUV	105.3170, 23.0147, 38.3100
Hunter-Lab	36.8159, 35.0172, -24.5407

Details

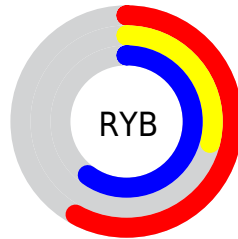
The YUV color **105.3170, 23.0147, 38.3100** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.6830, -23.0147, -38.3100**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8550, 23.7355, 40.4692**, and **53.1320, 23.5989, 37.5952** is the 20% darker color. If you saturate the color by 10%, you get **96.2130, 27.5030, 45.4172**, and if you desaturate by 10%, it is **114.4210, 18.5264, 31.2028**.

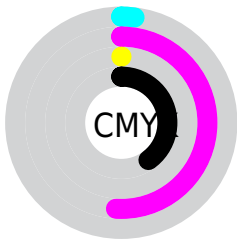
Distribution



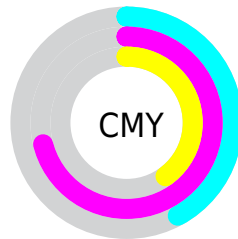
- Red (58%)
- Green (29%)
- Blue (60%)



- Red (58%)
- Yellow (29%)
- Blue (60%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3170, 23.0147, 38.3100 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 105.3170, 23.0147, 38.3100 by changing the saturation by 10% instead.

■ 105.3170, 23.0147,
38.3100

■ 105.3170, 23.0147,
38.3100

■ 255.0000, 0.0000,
0.0000

■ 79.6050, 22.8727,
37.1804

■ 158.8550, 23.7355,
40.4692

■ 53.1320, 23.5989,
37.5952

■ 186.5670, 23.8775,
41.5987

■ 29.5940, 22.8782,
35.4361

■ 210.9750, 21.7043,
38.6099

■ 20.0950, 16.2222,
23.5957

■ 227.4110, 13.6014,
24.1956

■ 8.6170, 11.0348,
7.3519

■ 244.4340, 5.2090,
9.2664

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 105.3170, 23.0147,
38.3100

■ 105.3170, 23.0147,
38.3100

■ 96.2130, 27.5030,
45.4172

■ 114.4210, 18.5264,
31.2028

■ 87.4080, 31.8439,
53.1392

■ 123.2260, 14.1856,
23.4808

■ 77.7170, 36.6215,
60.7612

■ 132.9170, 9.4079,
15.8588

■ 68.9120, 40.9624,
68.4832

■ 141.7220, 5.0671,
8.1368

■ 60.9820, 44.8719,
74.5608

■ 150.8260, 0.5788,
1.0296

■ 159.9300, -3.9095,
-6.0776

■ 168.7350, -8.2504,
-13.7996

■ 178.4260,
-13.0280, -21.4216

■ 187.2310,
-17.3689, -29.1436

Harmonies

Analogous

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



102.7220, 38.5911, -11.1572



105.3170, 23.0147, 38.3100



99.9110, 5.4669, 66.7301

Triad

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



105.3170, 23.0147, 38.3100



96.6840, -47.6652, 28.3411



88.1610, 25.5566, -77.3172

Complementary

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



105.3170, 23.0147, 38.3100



120.6830, -23.0147, -38.3100

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.



82.4440, 6.1901, -72.3034



105.3170, 23.0147, 38.3100



92.8970, -40.8682, -5.1717

Square

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



105.3170, 23.0147, 38.3100



98.8070, -33.9219, 53.6663



80.5650, -14.0825, -56.6235



89.6890, 41.5653, -78.6573

Rectangle

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



105.3170, 23.0147, 38.3100



98.3880, -8.0793, 71.5737



80.5650, -14.0825, -56.6235



86.4510, 19.0047, -75.8175

Sweetspot

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



105.3170, 23.0147, 38.3100



178.6780, 8.5397, 14.3144



85.2400, 32.9127, -9.8575



89.0210, 4.9196, 8.7516



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



105.3170, 23.0147, 38.3100



123.7770, 35.6059, 59.8316



102.2240, 7.2846, 43.6536



72.0050, 2.4625, 3.5036



56.3250, 41.2518, 68.9980



5.0700, 3.9095, 6.0776

Inverse Universe

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



97.6640, -10.1874, 47.6527



111.6350, -16.0891, 73.9881



123.7760, -7.2846, -43.6536



71.3920, -1.1793, 4.9182



42.4300, -18.4530, 85.5689



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 105.3170, 23.0147, 38.3100 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 105.3170, 23.0147, 38.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

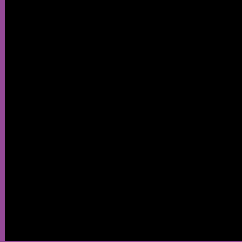
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.3170, 23.0147, 38.3100

Background



This preview shows how black text looks on a background with the YUV color 105.3170, 23.0147, 38.3100.



This preview shows how white text looks on a background with the YUV color 105.3170, 23.0147,

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

105.3170, 23.0147, 38.3100

Protanopia

100.8790, 37.0347, -25.3269

Deuteranopia

102.6450, 21.8670, -13.7207



Tritanopia

104.9440, -4.9024, 32.4981

Trichromacy



Original Color

105.3170, 23.0147, 38.3100

Protanomaly

102.3550, 31.8700, -2.0653

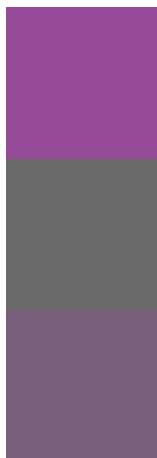
Deuteranomaly

103.8800, 22.2442, 5.3672

Tritanomaly

105.3000, 5.2751, 34.8169

Monochromacy



Original Color

105.3170, 23.0147, 38.3100

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2650, 8.2504, 13.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3170, 23.0147, 38.3100 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(149, 74, 152)` looks like.

```
.text, #text, p{  
    color:rgb(149, 74, 152)  
}
```

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(149, 74, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 74, 152) }
```

Border

The CSS property to change the border of an element to YUV 105.3170, 23.0147, 38.3100 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(149, 74, 152) }
```


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

```
.border{ border-color:rgb(149, 74, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 74, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 74, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 74, 152);  
box-shadow:4px 4px 4px 4px rgb(149, 74,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 105.3170, 23.0147, 38.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 74, 152) }
```

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

```
.background{ background-color: rgb(149, 74,  
152) }
```

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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