

Converting Colors

YUV(104.0180, 43.3751,
41.2032)

Have a look what the booklet for
YUV(104.0180, 43.3751, 41.2032)
contains.

YUV(104.0180, 43.3751, 41.2032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.0180, 43.3751,
41.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	973FC0
RGB	151, 63, 192
RGB Percent	59%, 25%, 75%
CMY	0.4078, 0.7529, 0.2471
CMYK	0.21, 0.67, 0.00, 0.25
HSL	281°, 51%, 50%
HSV	281°, 67%, 75%
XYZ	24.0544, 13.9401, 51.2921
YIQ	104.0180, 11.0390, 58.7750

Conversions

Conversions Part 2

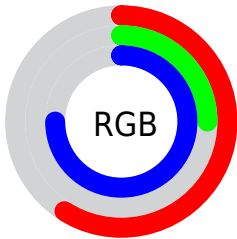
Format	Color
R_{YB}	151, 63, 192
Decimal	9912256
CIE _{Lab}	44.15, 57.01, -51.92
CIE _{LCh}	44, 77.110, 317.679
Yxy	13.9401, 0.2694, 0.1561
Android (android.graphics.Color)	4288102336 (0xFF973FC0)
YUV	104.0180, 43.3751, 41.2032
Hunter-Lab	37.3364, 49.6619, -55.3159

Details

The YUV color **104.0180, 43.3751, 41.2032** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **150.9820, -43.3751, -41.2032**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2570, 44.2433, 42.7476**, and **44.1370, 46.2745, 44.6069** is the 20% darker color. If you saturate the color by 10%, you get **91.0710, 49.7580, 47.2957**, and if you desaturate by 10%, it is **116.9650, 36.9923, 35.1107**.

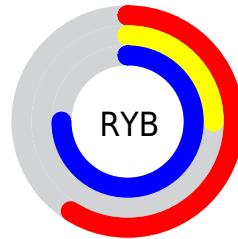
Distribution



Red (59%)

Green (25%)

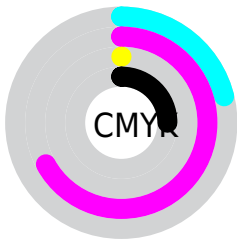
Blue (75%)



Red (59%)

Yellow (25%)

Blue (75%)

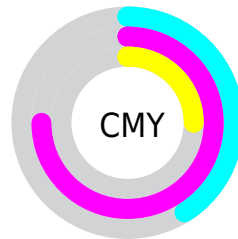


Cyan (21%)

Magenta (67%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0180, 43.3751, 41.2032 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 104.0180, 43.3751, 41.2032 by changing the saturation by 10% instead.

104.0180, 43.3751,
41.2032

104.0180, 43.3751,
41.2032

255.0000, 0.0000,
0.0000

75.4310, 43.6645,
41.7180

159.2570, 44.2433,
42.7476

44.1370, 46.2745,
44.6069

184.7600, 34.6283,
46.6915

33.1000, 38.8977,
30.6073

206.2790, 24.0195,
42.7283

22.0630, 31.5209,
16.6077

222.7150, 15.9165,
28.3139

9.4600, 25.9022,
-1.2804

239.7380, 7.5242,
13.3848

6.2070, 16.1669,
-5.4435

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 104.0180, 43.3751,
41.2032

■ 104.0180, 43.3751,
41.2032

■ 91.0710, 49.7580,
47.2957

■ 116.9650, 36.9923,
35.1107

■ 78.1240, 56.1409,
53.3883

■ 129.9120, 30.6094,
29.0182

■ 64.5900, 62.8131,
59.9956

■ 143.4460, 23.9371,
22.4109

■ 61.0570, 64.5549,
61.3400

■ 156.3930, 17.5543,
16.3183

■ 169.6390, 11.0240,
10.8406

■ 182.5860, 4.6411,
4.7481

■ 195.5330, -1.7418,
-1.3444

■ 209.0670, -8.4140,
-7.9518

■ 222.0140,
-14.7969, -14.0443

Harmonies

Analogous

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



84.8060, 71.0876, -74.3749



104.0180, 43.3751, 41.2032



75.6740, 28.7547, 110.7879

Triad

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



104.0180, 43.3751, 41.2032



98.5550, -48.5876, 44.2403



93.0850, 24.1151, -81.6355

Complementary

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



104.0180, 43.3751, 41.2032



150.9820, -43.3751, -41.2032

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.



84.2730, -4.5716, -73.9074



104.0180, 43.3751, 41.2032



93.8390, -46.2626, -1.6128

Square

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



104.0180, 43.3751, 41.2032



89.9810, -44.3606, 88.5937



72.7880, -35.8845, -63.8351



98.4090, 49.5914, -86.3047

Rectangle

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



104.0180, 43.3751, 41.2032



74.0610, 8.3509, 121.8495



72.7880, -35.8845, -63.8351



89.9900, 14.7949, -78.9212

Sweetspot

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



104.0180, 43.3751, 41.2032



215.8660, 16.8281, 15.9035



102.9470, 43.9031, -35.0335



104.4000, 10.1558, 9.2962



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



104.0180, 43.3751, 41.2032



111.7030, 68.1804, 65.1585



113.7690, 27.7219, 68.6086



90.2330, 3.3361, 3.3037



51.2440, 54.1097, 51.5290



10.6390, 11.0240, 10.8406

Inverse Universe

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



106.2450, -1.1068, 75.2071



115.1070, -1.5318, 118.3012



141.1170, -28.1587, -68.5086



90.3320, -0.1637, 5.8478



53.9530, -1.4558, 93.8802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 104.0180, 43.3751, 41.2032 looks on a white background.

Color Contrast Check

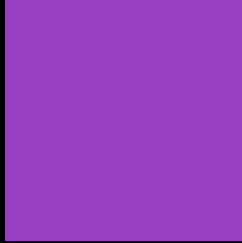
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0180, 43.3751, 41.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

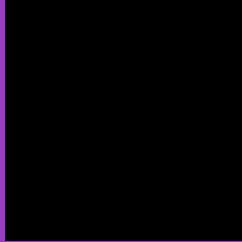
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0180, 43.3751, 41.2032

Background



This preview shows how black text looks on a background with the YUV color 104.0180, 43.3751, 41.2032.



This preview shows how white text looks on a background with the YUV color 104.0180, 43.3751,

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

104.0180, 43.3751, 41.2032

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

94.2610, 44.2413, -50.2179



Tritanopia

106.2530, -3.5757, 26.9651

Trichromacy



Original Color

104.0180, 43.3751, 41.2032



Protanomaly

90.9980, 56.6960, -31.5702



Deuteranomaly

97.4700, 44.1383, -17.0752



Tritanomaly

105.1670, 13.7217, 32.3025

Monochromacy



Original Color

104.0180, 43.3751, 41.2032



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.9260, 15.8125, 14.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0180, 43.3751, 41.2032 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(151, 63, 192)` looks like.

```
.text, #text, p{  
    color:rgb(151, 63, 192)  
}
```

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(151, 63, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 63, 192) }
```

Border

The CSS property to change the border of an element to YUV 104.0180, 43.3751, 41.2032 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(151, 63, 192) }
```


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

```
.border{ border-color:rgb(151, 63, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 63, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 63, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 63, 192);  
box-shadow:4px 4px 4px 4px rgb(151, 63,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 104.0180, 43.3751, 41.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 63, 192) }
```

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

```
.background{ background-color: rgb(151, 63,  
192) }
```

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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