

Converting Colors

YUV(115.3990, 38.7503,
31.2221)

Have a look what the booklet for
YUV(115.3990, 38.7503, 31.2221)
contains.

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Color

**YUV(115.3990, 38.7503,
31.2221)**

Conversions

Conversions Part 1

Format	Color
Hex	9752C2
RGB	151, 82, 194
RGB Percent	59%, 32%, 76%
CMY	0.4078, 0.6784, 0.2392
CMYK	0.22, 0.58, 0.00, 0.24
HSL	277°, 48%, 54%
HSV	277°, 58%, 76%
XYZ	25.5174, 16.5089, 52.8806
YIQ	115.3990, 5.1720, 49.4600

Conversions

Conversions Part 2

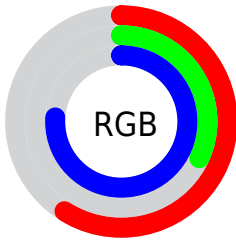
Format	Color
R_{YB}	151, 82, 194
Decimal	9917122
CIE _{Lab}	47.64, 48.26, -47.49
CIE _{LCh}	48, 67.712, 315.462
Yxy	16.5089, 0.2689, 0.1739
Android (android.graphics.Color)	4288107202 (0xFF9752C2)
YUV	115.3990, 38.7503, 31.2221
Hunter-Lab	40.6312, 40.9978, -48.7227

Details

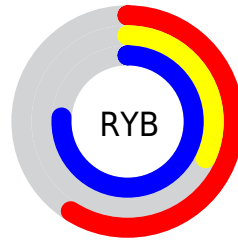
The YUV color **115.3990, 38.7503, 31.2221** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **160.6010, -38.7503, -31.2221**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4640, 40.1972, 33.7961**, and **62.2740, 38.3189, 29.5777** is the 20% darker color. If you saturate the color by 10%, you get **102.1530, 45.2806, 36.6998**, and if you desaturate by 10%, it is **128.6450, 32.2200, 25.7443**.

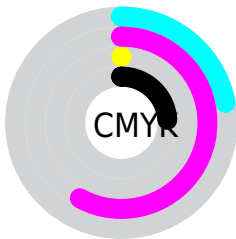
Distribution



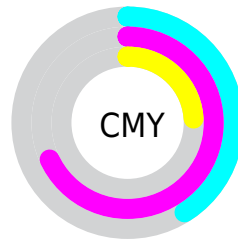
- Red (59%)
- Green (32%)
- Blue (76%)



- Red (59%)
- Yellow (32%)
- Blue (76%)



- Cyan (22%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3990, 38.7503, 31.2221 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 115.3990, 38.7503, 31.2221 by changing the saturation by 10% instead.

■ 115.3990, 38.7503,
31.2221

■ 115.3990, 38.7503,
31.2221

■ 255.0000, 0.0000,
0.0000

■ 88.5730, 38.1715,
30.1925

■ 169.4640, 40.1972,
33.7961

■ 62.2740, 38.3189,
29.5777

■ 194.4400, 29.8561,
37.3251

■ 33.9260, 39.4765,
31.6369

■ 216.2580, 19.0998,
33.9767

■ 22.8890, 32.0997,
17.6373

■ 232.6940, 10.9969,
19.5624

■ 12.6780, 25.3017,
4.6674

■ 249.7170, 2.6045,
4.6332

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 115.3990, 38.7503,
31.2221

■ 115.3990, 38.7503,
31.2221

■ 102.1530, 45.2806,
36.6998

■ 128.6450, 32.2200,
25.7443

■ 88.0210, 52.2476,
42.0776

■ 142.7770, 25.2529,
20.3666

■ 74.7750, 58.7779,
47.5553

■ 156.0230, 18.7227,
14.8888

■ 60.6430, 65.7450,
52.9331

■ 170.1550, 11.7556,
9.5111

■ 57.9960, 67.0500,
54.3775

■ 183.4010, 5.2253,
4.0333

■ 196.9460, -1.4524,
-0.8296

■ 210.7790, -8.2720,
-6.8222

■ 224.3240,
-14.9497, -11.6851

■ 236.9830,
-21.1906, -16.6481

Harmonies

Analogous

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



90.1060, 66.0097, -79.0230



115.3990, 38.7503, 31.2221



105.4520, 18.5112, 82.9186

Triad

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



115.3990, 38.7503, 31.2221



106.5400, -52.5242, 46.8844



97.1940, 22.0894, -85.2391

Complementary

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



115.3990, 38.7503, 31.2221



160.6010, -38.7503, -31.2221

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.



89.1800, -3.5397, -78.2109



115.3990, 38.7503, 31.2221



103.3300, -50.9417, 5.8496

Square

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



115.3990, 38.7503, 31.2221



104.4020, -36.1872, 80.3314



88.5170, -34.7649, -49.5654



101.9480, 45.3816, -89.4084

Rectangle

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



115.3990, 38.7503, 31.2221



99.1260, 2.8959, 98.1135



88.5170, -34.7649, -49.5654



94.9140, 13.3534, -83.2396

Sweetspot

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



115.3990, 38.7503, 31.2221



222.5620, 14.5129, 11.7851



121.1830, 35.8988, -34.3635



109.7480, 8.9982, 7.2370



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



115.3990, 38.7503, 31.2221



130.1280, 60.0829, 48.9997



127.0020, 27.6070, 58.7572



89.9340, 3.4835, 2.6889



47.9550, 55.7312, 44.7665



9.7420, 11.4662, 8.9963

Inverse Universe

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



120.3900, 2.2727, 64.5560



137.6640, 3.6166, 100.2727



148.9980, -27.6070, -58.7572



90.4460, 0.2731, 5.7479



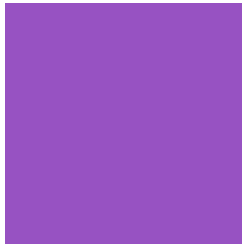
55.2070, 3.3489, 92.7805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 115.3990, 38.7503, 31.2221 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 115.3990, 38.7503, 31.2221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

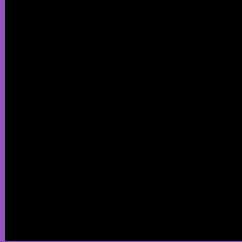
Any Text WCAG AA × Fail

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 115.3990, 38.7503, 31.2221 Background



This preview shows how black text looks on a background with the YUV color 115.3990, 38.7503, 31.2221.



This preview shows how white text looks on a background with the YUV color 115.3990, 38.7503,

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

115.3990, 38.7503, 31.2221

Protanopia

103.3330, 58.5028, -51.1580

Deuteranopia

107.7850, 39.5460, -37.5224



Tritanopia

115.0780, -1.5175, 20.1026

Trichromacy



Original Color

115.3990, 38.7503, 31.2221

Protanomaly

107.9840, 51.2799, -21.0340

Deuteranomaly

110.2380, 39.3227, -12.4867

Tritanomaly

115.2970, 13.1646, 24.2955

Monochromacy



Original Color

115.3990, 38.7503, 31.2221

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1490, 14.2235, 11.2703

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3990, 38.7503, 31.2221 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, 82, 194)` looks like.

```
.text, #text, p{  
    color:rgb(151, 82, 194)  
}
```

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, 82, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 82, 194) }
```

Border

The CSS property to change the border of an element to YUV 115.3990, 38.7503, 31.2221 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, 82, 194) }
```


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

```
.border{ border-color:rgb(151, 82, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 82, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 82, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 82, 194);  
box-shadow:4px 4px 4px 4px rgb(151, 82,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 115.3990, 38.7503, 31.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 82, 194) }
```

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

```
.background{ background-color: rgb(151, 82,  
194) }
```

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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