

Converting Colors

YUV(117.5350, 18.9632,
31.1028)

Have a look what the booklet for
YUV(117.5350, 18.9632, 31.1028)
contains.

YUV(117.5350, 18.9632, 31.1028)	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(117.5350, 18.9632,
31.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	995C9C
RGB	153, 92, 156
RGB Percent	60%, 36%, 61%
CMY	0.4000, 0.6392, 0.3882
CMYK	0.02, 0.41, 0.00, 0.39
HSL	297°, 26%, 49%
HSV	297°, 41%, 61%
XYZ	22.9648, 16.8269, 33.4900
YIQ	117.5350, 15.8120, 32.8360

Conversions

Conversions Part 2

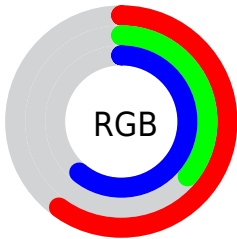
Format	Color
R_{YB}	153, 92, 156
Decimal	10050716
CIE _{Lab}	48.04, 35.38, -24.59
CIE _{LCh}	48, 43.085, 325.200
Yxy	16.8269, 0.3134, 0.2296
Android (android.graphics.Color)	4288240796 (0xFF995C9C)
YUV	117.5350, 18.9632, 31.1028
Hunter-Lab	41.0206, 28.1445, -19.6911

Details

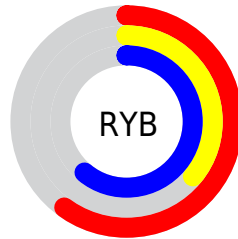
The YUV color **117.5350, 18.9632, 31.1028** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.4650, -18.9632, -31.1028**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7740, 19.8314, 32.6472**, and **66.9970, 18.2425, 28.9436** is the 20% darker color. If you saturate the color by 10%, you get **107.8440, 23.7409, 38.7248**, and if you desaturate by 10%, it is **127.2260, 14.1856, 23.4808**.

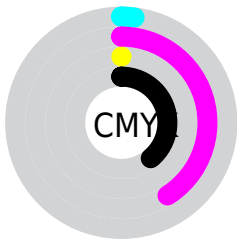
Distribution



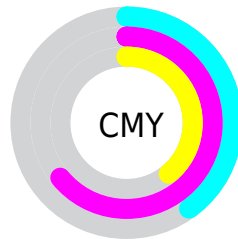
- Red (60%)
- Green (36%)
- Blue (61%)



- Red (60%)
- Yellow (36%)
- Blue (61%)



- Cyan (2%)
- Magenta (41%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5350, 18.9632, 31.1028 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 117.5350, 18.9632, 31.1028 by changing the saturation by 10% instead.

■ 117.5350, 18.9632,
31.1028

■ 117.5350, 18.9632,
31.1028

255.0000, 0.0000,
0.0000

■ 91.8230, 18.8213,
29.9732

■ 170.7740, 19.8314,
32.6472

■ 66.9970, 18.2425,
28.9436

■ 198.4860, 19.9734,
33.7768

■ 42.1110, 18.6793,
28.8437

■ 221.5410, 16.4953,
29.3435

■ 21.7470, 17.3797,
25.6549

■ 238.5640, 8.1029,
14.4144

■ 13.2590, 10.7183,
15.5589

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 117.5350, 18.9632,
31.1028

■ 117.5350, 18.9632,
31.1028

■ 107.8440, 23.7409,
38.7248

■ 127.2260, 14.1856,
23.4808

■ 99.0390, 28.0818,
46.4468

■ 136.0310, 9.8447,
15.7588

■ 89.3480, 32.8594,
54.0688

■ 145.7220, 5.0671,
8.1368

■ 80.2440, 37.3477,
61.1760

■ 154.8260, 0.5788,
1.0296

■ 70.5530, 42.1254,
68.7980

■ 164.5170, -4.1989,
-6.5924

■ 62.3350, 46.1768,
76.0052

■ 173.9090, -8.8291,
-14.8292

■ 183.0130,
-13.3174, -21.9364

■ 192.7040,
-18.0951, -29.5584

■ 201.8080,
-22.5833, -36.6656

Harmonies

Analogous

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



115.0230, 32.0337, -7.9132



117.5350, 18.9632, 31.1028



114.8510, 3.0315, 54.5047

Triad

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



117.5350, 18.9632, 31.1028



110.4630, -35.7243, 25.0269



93.9000, 24.6993, -82.3503

Complementary

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



117.5350, 18.9632, 31.1028



130.4650, -18.9632, -31.1028

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.



89.6820, 8.5378, -78.6511



117.5350, 18.9632, 31.1028



107.1390, -31.1275, -2.7529

Square

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



117.5350, 18.9632, 31.1028



112.2560, -28.2272, 47.1335



100.5720, -14.5790, -37.3356



94.8580, 38.5240, -83.1905

Rectangle

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



117.5350, 18.9632, 31.1028



113.3110, -8.0413, 59.3633



100.5720, -14.5790, -37.3356



92.5320, 19.4577, -81.1506

Sweetspot

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



117.5350, 18.9632, 31.1028



189.6130, 7.0928, 11.7404



101.0570, 27.0869, -7.9430



93.4830, 4.1989, 6.5924



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.5350, 18.9632, 31.1028



143.8050, 29.6761, 48.4060



115.1260, 5.8539, 35.8465



74.3040, 2.3151, 4.1184



56.9660, 42.4148, 69.3128



6.1950, 4.3409, 7.7220

Inverse Universe

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



111.4780, -8.1237, 39.0458



134.4700, -12.5567, 60.9778



132.8740, -5.8539, -35.8465



73.5060, -0.7425, 4.8182



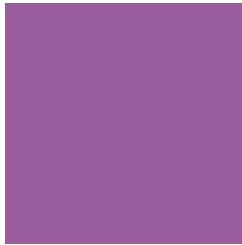
43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 117.5350, 18.9632, 31.1028 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 117.5350, 18.9632, 31.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

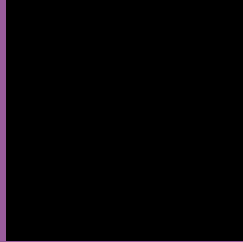
Any Text WCAG AA × Fail

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 117.5350, 18.9632, 31.1028 Background



This preview shows how black text looks on a background with the YUV color 117.5350, 18.9632, 31.1028.



This preview shows how white text looks on a background with the YUV color 117.5350, 18.9632, 31.1028.

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

117.5350, 18.9632, 31.1028

Protanopia

113.4580, 28.8612, -17.0647

Deuteranopia

115.0540, 18.2144, -8.8174



Tritanopia

116.3670, -3.1389, 26.8651

Trichromacy



Original Color

117.5350, 18.9632, 31.1028

Protanomaly

114.9440, 25.1706, 0.0491

Deuteranomaly

115.5550, 18.4604, 5.6523

Tritanomaly

116.5550, 5.1494, 28.4543

Monochromacy



Original Color

117.5350, 18.9632, 31.1028

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5350, 18.9632, 31.1028 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(153, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 156)  
}
```

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(153, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 156) }
```

Border

The CSS property to change the border of an element to YUV 117.5350, 18.9632, 31.1028 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(153, 92, 156) }
```


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

```
.border{ border-color:rgb(153, 92, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 92, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 117.5350, 18.9632, 31.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 156) }
```

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

```
.background{ background-color: rgb(153, 92,  
156) }
```

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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