

Converting Colors

YUV(117.0950, 16.2222,
23.5957)

Have a look what the booklet for
YUV(117.0950, 16.2222, 23.5957)
contains.

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Color

**YUV(117.0950, 16.2222,
23.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	906196
RGB	144, 97, 150
RGB Percent	56%, 38%, 59%
CMY	0.4353, 0.6196, 0.4118
CMYK	0.04, 0.35, 0.00, 0.41
HSL	293°, 21%, 48%
HSV	293°, 35%, 59%
XYZ	21.2813, 16.6807, 30.9522
YIQ	117.0950, 10.9990, 26.4470

Conversions

Conversions Part 2

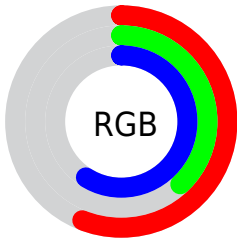
Format	Color
R_{YB}	144, 97, 150
Decimal	9462166
CIE _{Lab}	47.86, 28.38, -21.41
CIE _{LCh}	48, 35.548, 322.967
Yxy	16.6807, 0.3088, 0.2421
Android (android.graphics.Color)	4287652246 (0xFF906196)
YUV	117.0950, 16.2222, 23.5957
Hunter-Lab	40.8420, 21.5365, -16.3437

Details

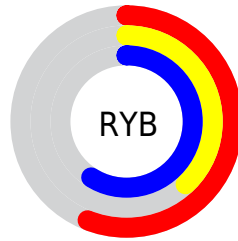
The YUV color **117.0950, 16.2222, 23.5957** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.9050, -16.2222, -23.5957**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6330, 16.9429, 25.7549**, and **67.5570, 15.5014, 21.4365** is the 20% darker color. If you saturate the color by 10%, you get **107.6920, 20.8578, 30.0881**, and if you desaturate by 10%, it is **126.4980, 11.5865, 17.1033**.

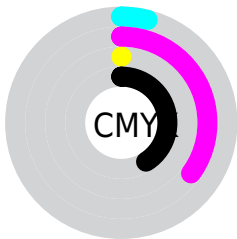
Distribution



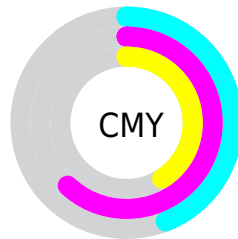
- Red (56%)
- Green (38%)
- Blue (59%)



- Red (56%)
- Yellow (38%)
- Blue (59%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)





- Cyan (44%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.0950, 16.2222, 23.5957 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 117.0950, 16.2222, 23.5957 by changing the saturation by 10% instead.


 117.0950, 16.2222,
23.5957


 117.0950, 16.2222,
23.5957


255.0000, 0.0000,
0.0000


 92.2690, 15.6434,
22.5661


 169.6330, 16.9429,
25.7549


 67.5570, 15.5014,
21.4365


 197.1600, 17.6691,
26.1697


 44.1440, 15.2120,
20.9217

 224.4760, 15.0483,
26.7695

 20.8450, 15.3594,
20.3069

 240.9120, 6.9454,
12.3552

 10.4110, 10.1504,
11.0406

 0.1140, 0.4368,
-0.1000

 0.0000, 0.0000,

0.0000

■ 117.0950, 16.2222,
23.5957

■ 117.0950, 16.2222,
23.5957

■ 107.6920, 20.8578,
30.0881

■ 126.4980, 11.5865,
17.1033

■ 98.5880, 25.3461,
37.1953

■ 135.6020, 7.0982,
9.9960

■ 89.1850, 29.9818,
43.6878

■ 145.0050, 2.4625,
3.5036

■ 79.7820, 34.6175,
50.1802

■ 154.4080, -2.1731,
-2.9888

■ 70.6780, 39.1057,
57.2874

■ 163.5120, -6.6614,
-10.0960

■ 61.2750, 43.7414,
63.7798

■ 172.9150,
-11.2971, -16.5885

■ 56.8670, 45.9146,
66.7686

■ 182.3180,
-15.9328, -23.0809

■ 191.7210,
-20.5685, -29.5733

■ 200.8250,
-25.0567, -36.6805

Harmonies

Analogous

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



114.0570, 27.0869, -7.9430



117.0950, 16.2222, 23.5957



115.7850, 3.0640, 44.0386

Triad

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



117.0950, 16.2222, 23.5957



111.2870, -28.7355, 23.4273



91.2270, 22.0731, -80.0061

Complementary

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



117.0950, 16.2222, 23.5957



129.9050, -16.2222, -23.5957

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.



91.2810, 6.7635, -69.5294



117.0950, 16.2222, 23.5957



108.8280, -26.0442, 0.1508

Square

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



117.0950, 16.2222, 23.5957



113.5910, -22.9694, 40.7007



103.8660, -13.7379, -27.0695



92.3160, 33.8612, -80.9611

Rectangle

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



117.0950, 16.2222, 23.5957



114.7010, -6.2616, 48.4972



103.8660, -13.7379, -27.0695



90.0870, 17.7051, -79.0063

Sweetspot

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



117.0950, 16.2222, 23.5957



180.1890, 6.8088, 9.4812



106.5640, 21.4139, -8.3876



88.7710, 4.0569, 5.4628



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.0950, 16.2222, 23.5957



143.1750, 25.0567, 36.6805



116.6090, 6.6018, 29.2839



69.5920, 2.1731, 2.9888



52.2100, 42.2945, 61.2058



3.8310, 3.0413, 4.5332

Inverse Universe

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



113.5310, -5.1918, 31.9833



137.6580, -7.7194, 49.4119



130.3910, -6.6018, -29.2839



69.0930, -1.0318, 4.3034



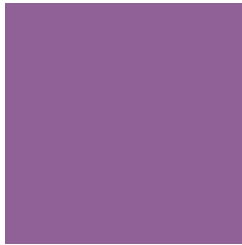
43.0860, -13.3534, 83.2396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 117.0950, 16.2222, 23.5957 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 117.0950, 16.2222, 23.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

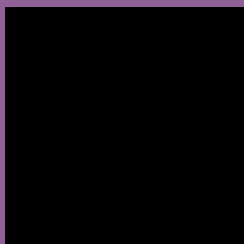
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.0950, 16.2222, 23.5957

Background



This preview shows how black text looks on a background with the YUV color 117.0950, 16.2222, 23.5957.



This preview shows how white text looks on a background with the YUV color 117.0950, 16.2222, 23.5957.

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

117.0950, 16.2222, 23.5957

Protanopia

113.5140, 23.9036, -13.6058

Deuteranopia

114.4950, 16.0250, -6.5731



Tritanopia

116.0780, -1.5175, 20.1026

Trichromacy



Original Color

117.0950, 16.2222, 23.5957

Protanomaly

115.2060, 21.0974, -0.1807

Deuteranomaly

115.5610, 15.9924, 3.8930

Tritanomaly

116.3970, 4.7343, 21.5768

Monochromacy



Original Color

117.0950, 16.2222, 23.5957

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0950, 16.2222, 23.5957 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(144, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(144, 97, 150)  
}
```

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(144, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 97, 150) }
```

Border

The CSS property to change the border of an element to YUV 117.0950, 16.2222, 23.5957 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(144, 97, 150) }
```


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

```
.border{ border-color:rgb(144, 97, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 97, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(144, 97,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 117.0950, 16.2222, 23.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 97, 150) }
```

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

```
.background{ background-color: rgb(144, 97,  
150) }
```

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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