

Converting Colors

YUV(116.3850, -7.0918,
34.7424)

Have a look what the booklet for
YUV(116.3850, -7.0918, 34.7424)
contains.

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Color

**YUV(116.3850, -7.0918,
34.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6366
RGB	156, 99, 102
RGB Percent	61%, 39%, 40%
CMY	0.3882, 0.6118, 0.6000
CMYK	0.00, 0.37, 0.35, 0.39
HSL	357°, 22%, 50%
HSV	357°, 37%, 61%
XYZ	20.5704, 16.9509, 14.7580
YIQ	116.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

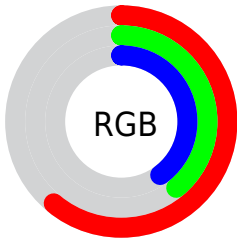
Format	Color
R _Y B	156, 99, 102
Decimal	10249062
CIE Lab	48.20, 23.48, 7.95
CIE LCh	48, 24.790, 18.708
Yxy	16.9509, 0.3935, 0.3242
Android (android.graphics.Color)	4288439142 (0xFF9C6366)
YUV	116.3850, -7.0918, 34.7424
Hunter-Lab	41.1715, 17.1335, 7.5674

Details

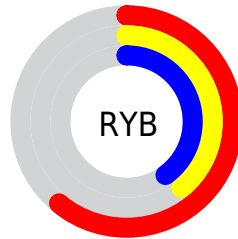
The YUV color **116.3850, -7.0918, 34.7424** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.6150, 7.0918, -34.7424**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8800, -7.8288, 37.8162**, and **67.0040, -5.9180, 31.5685** is the 20% darker color. If you saturate the color by 10%, you get **105.2830, -9.0135, 44.4788**, and if you desaturate by 10%, it is **127.4870, -5.1701, 25.0059**.

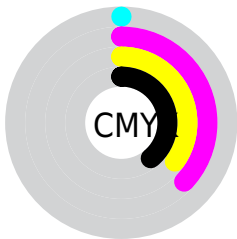
Distribution



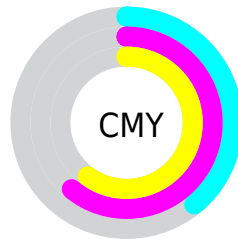
- Red (61%)
- Green (39%)
- Blue (40%)



- Red (61%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.3850, -7.0918, 34.7424 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 116.3850, -7.0918, 34.7424 by changing the saturation by 10% instead.


 116.3850, -7.0918,
34.7424


 116.3850, -7.0918,
34.7424


255.0000, 0.0000,
0.0000


 91.4880, -6.6496,
32.8980


 168.8800, -7.8288,
37.8162


 67.0040, -5.9180,
31.5685


 196.4780, -8.1237,
39.0458

 43.9220, -4.8915,
29.0094

 220.1780, -6.4968,
30.5389

 20.7370, -4.3073,
28.2947

 239.8060, -2.3694,
13.3251

 8.7850, -3.8380,
17.7286

 0.0000, 0.0000,
0.0000

■ 116.3850, -7.0918,
34.7424

■ 116.3850, -7.0918,
34.7424

■ 105.2830, -9.0135,
44.4788

■ 127.4870, -5.1701,
25.0059

■ 94.7680, -11.2246,
53.7005

■ 138.0020, -2.9590,
15.7842

■ 83.7800, -12.7095,
63.3369

■ 148.9900, -1.4741,
6.1478

■ 73.2650, -14.9206,
72.5586

■ 159.5050, 0.7370,
-3.0739

■ 62.1630, -16.8424,
82.2950

■ 170.6070, 2.6587,
-12.8103

■ 51.0610, -18.7641,
92.0315

■ 181.7090, 4.5805,
-22.5468

■ 47.5560, -19.5011,
95.1054

■ 192.1100, 6.3548,
-31.6685

■ 203.2120, 8.2765,

-41.4049

■ 213.7270, 10.4876,
-50.6266

Harmonies

Analogous

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



116.9850, 2.9654, 28.9542



116.3850, -7.0918, 34.7424



114.8870, -15.2273, 30.7941

Triad

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



116.3850, -7.0918, 34.7424



108.9260, -11.3025, -14.8441



109.6490, 22.3580, -31.2642

Complementary

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



116.3850, -7.0918, 34.7424



138.6150, 7.0918, -34.7424

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.



103.0720, 20.6705, -50.0521



116.3850, -7.0918, 34.7424



105.1930, 0.3979, -34.3723

Square

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



116.3850, -7.0918, 34.7424



111.5000, -18.4875, 3.0695



101.8950, 12.3768, -49.8969



114.9940, 19.2300, -7.8877

Rectangle

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



116.3850, -7.0918, 34.7424



114.5180, -18.9894, 24.1017



101.8950, 12.3768, -49.8969



107.3060, 22.5271, -38.8564

Sweetspot

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



116.3850, -7.0918, 34.7424



188.6920, -2.8062, 13.4251



121.3450, 17.0849, 26.8844



92.8870, -1.9163, 7.9921



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.



116.3850, -7.0918, 34.7424



141.4800, -11.0826, 54.8300



130.7180, -15.6370, 22.1723



73.5060, -0.7425, 4.8182



43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Inverse Universe

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



116.3850, -7.0918, 34.7424



141.4800, -11.0826, 54.8300



124.2820, 15.6370, -22.1723



73.5060, -0.7425, 4.8182



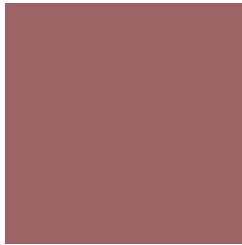
43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 116.3850, -7.0918, 34.7424 looks on a white background.

Color Contrast Check

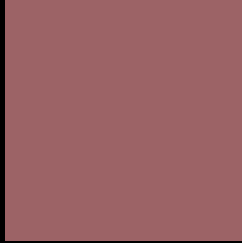
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3850, -7.0918, 34.7424 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 116.3850, -7.0918, 34.7424

Background



This preview shows how black text looks on a background with the YUV color 116.3850, -7.0918, 34.7424.



This preview shows how white text looks on a background with the YUV color 116.3850, -7.0918,

34.7424.

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

116.3850, -7.0918, 34.7424

Protanopia

114.7400, -2.3368, 2.8590

Deuteranopia

115.7260, -7.7529, 13.3953



Tritanopia

116.2540, -5.0552, 34.8572

Trichromacy



Original Color

116.3850, -7.0918, 34.7424

Protanomaly

115.6490, -4.2640, 14.3398

Deuteranomaly

116.1830, -7.4852, 20.8875

Tritanomaly

116.1400, -5.4920, 34.9572

Monochromacy



Original Color

116.3850, -7.0918, 34.7424

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3930, -2.6587, 12.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3850, -7.0918, 34.7424 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(156, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(156, 99, 102)  
}
```

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(156, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 99, 102) }
```

Border

The CSS property to change the border of an element to YUV 116.3850, -7.0918, 34.7424 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(156, 99, 102) }
```


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

```
.border{ border-color:rgb(156, 99, 102) }
```

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

Here you see how a box with a 4 pixel rgb(156, 99, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(156, 99,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 116.3850, -7.0918, 34.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 99, 102) }
```

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

```
.background{ background-color: rgb(156, 99,  
102) }
```

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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