

Converting Colors

YUV(109.3740, 13.1266,
36.5060)

Have a look what the booklet for
YUV(109.3740, 13.1266, 36.5060)
contains.

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Color

**YUV(109.3740, 13.1266,
36.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	975388
RGB	151, 83, 136
RGB Percent	59%, 33%, 53%
CMY	0.4078, 0.6745, 0.4667
CMYK	0.00, 0.45, 0.10, 0.41
HSL	313°, 29%, 46%
HSV	313°, 45%, 59%
XYZ	20.2997, 14.5434, 25.0298
YIQ	109.3740, 23.5150, 30.8990

Conversions

Conversions Part 2

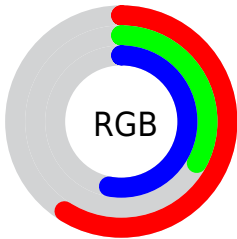
Format	Color
R_{YB}	151, 83, 136
Decimal	9917320
CIE _{Lab}	45.00, 35.93, -17.34
CIE _{LCh}	45, 39.897, 334.239
Yxy	14.5434, 0.3390, 0.2429
Android (android.graphics.Color)	4288107400 (0xFF975388)
YUV	109.3740, 13.1266, 36.5060
Hunter-Lab	38.1358, 28.2779, -12.2189

Details

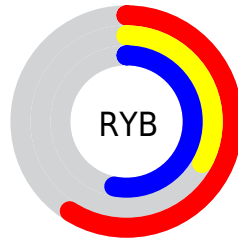
The YUV color **109.3740, 13.1266, 36.5060** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.6260, -13.1266, -36.5060**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0970, 13.2632, 39.3799**, and **59.0640, 13.2794, 34.1469** is the 20% darker color. If you saturate the color by 10%, you get **100.2270, 16.1571, 44.5279**, and if you desaturate by 10%, it is **118.5210, 10.0961, 28.4841**.

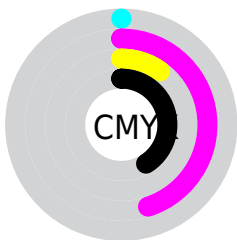
Distribution



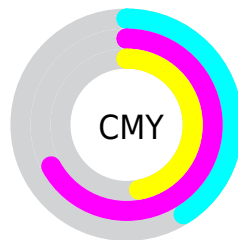
- Red (59%)
- Green (33%)
- Blue (53%)



- Red (59%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (10%)
- Black (41%)




- Cyan (41%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.3740, 13.1266, 36.5060 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 109.3740, 13.1266, 36.5060 by changing the saturation by 10% instead.


 109.3740, 13.1266,
36.5060


 109.3740, 13.1266,
36.5060


255.0000, 0.0000,
0.0000


 83.7760, 13.4214,
35.2764


 162.0970, 13.2632,
39.3799


 59.0640, 13.2794,
34.1469


 189.5100, 13.5526,
39.8947


 32.5310, 15.0212,
35.4913

 215.2320, 15.1686,
34.8765

 19.3250, 10.6858,
26.0250

 232.6940, 10.9969,
19.5624

 9.0430, 4.9088,
12.2403

 249.7170, 2.6045,
4.6332

 0.0000, 0.0000,
0.0000

■ 109.3740, 13.1266,
36.5060

■ 109.3740, 13.1266,
36.5060

■ 100.2270, 16.1571,
44.5279

■ 118.5210, 10.0961,
28.4841

■ 90.9660, 18.7508,
52.6498

■ 127.7820, 7.5025,
20.3622

■ 81.8190, 21.7812,
60.6717

■ 136.9290, 4.4720,
12.3403

■ 72.6720, 24.8117,
68.6937

■ 146.0760, 1.4415,
4.3183

■ 63.4110, 27.4054,
76.8156

■ 155.9240, -1.4415,
-4.3183


■ 58.6010, 29.2837,
81.0339

■ 165.0710, -4.4720,
-12.3403

■ 174.2180, -7.5025,
-20.3622

■ 183.4790,

-10.0961, -28.4841

 192.6260,
-13.1266, -36.5060

Harmonies

Analogous

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



109.2050, 26.0279, 5.0822



109.3740, 13.1266, 36.5060



106.8740, -1.9099, 52.7305

Triad

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



109.3740, 13.1266, 36.5060



102.5050, -32.7870, 16.2201



87.9160, 27.1564, -77.1023

Complementary

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



109.3740, 13.1266, 36.5060



124.6260, -13.1266, -36.5060

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.



84.7410, 12.4527, -74.3179



109.3740, 13.1266, 36.5060



98.8050, -24.5539, -11.2300

Square

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



109.3740, 13.1266, 36.5060



104.6740, -28.9263, 37.9969



90.7540, -7.2737, -47.1423



88.1900, 38.3603, -77.3426

Rectangle

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



109.3740, 13.1266, 36.5060



105.8390, -12.2456, 54.5152



90.7540, -7.2737, -47.1423



87.3630, 22.4990, -76.6174

Sweetspot

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



109.3740, 13.1266, 36.5060



179.4670, 5.1928, 14.4994



95.2370, 27.4912, 2.4232



89.2660, 3.3199, 8.5367



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



109.3740, 13.1266, 36.5060



131.1560, 20.6291, 56.8682



105.4980, -1.7245, 39.9053



72.0760, 1.4415, 4.3183



54.2860, 26.9740, 75.1712



5.0270, 2.4517, 6.9923

Inverse Universe

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



109.3740, 13.1266, 36.5060



131.1560, 20.6291, 56.8682



128.5020, 1.7245, -39.9053



72.0760, 1.4415, 4.3183



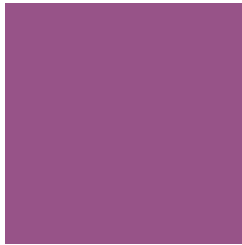
54.2860, 26.9740, 75.1712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 109.3740, 13.1266, 36.5060 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 109.3740, 13.1266, 36.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

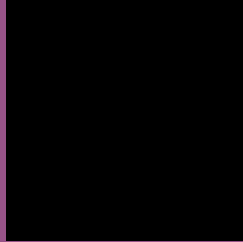
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.3740, 13.1266, 36.5060

Background



This preview shows how black text looks on a background with the YUV color 109.3740, 13.1266, 36.5060.



This preview shows how white text looks on a background with the YUV color 109.3740, 13.1266,

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

109.3740, 13.1266, 36.5060

Protanopia

106.5850, 22.8826, -12.7910

Deuteranopia

108.0780, 11.7935, -2.6994



Tritanopia

108.5420, -5.1972, 33.7277

Trichromacy



Original Color

109.3740, 13.1266, 36.5060

Protanomaly

107.4840, 19.4814, 4.8375

Deuteranomaly

108.5790, 12.0396, 11.7702

Tritanomaly

108.6760, 1.6387, 34.4871

Monochromacy



Original Color

109.3740, 13.1266, 36.5060

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3740, 13.1266, 36.5060 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, 83, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 83, 136)  
}
```

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, 83, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 83, 136) }
```

Border

The CSS property to change the border of an element to YUV 109.3740, 13.1266, 36.5060 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, 83, 136) }
```


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

```
.border{ border-color:rgb(151, 83, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 83, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 83, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 83, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 83,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 109.3740, 13.1266, 36.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 83, 136) }
```

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

```
.background{ background-color: rgb(151, 83,  
136) }
```

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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