

Converting Colors

YUV(104.9840, 11.3469,
47.3720)

Have a look what the booklet for
YUV(104.9840, 11.3469, 47.3720)
contains.

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Color

**YUV(104.9840, 11.3469,
47.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4980
RGB	159, 73, 128
RGB Percent	62%, 29%, 50%
CMY	0.3765, 0.7137, 0.4980
CMYK	0.00, 0.54, 0.19, 0.38
HSL	322°, 37%, 45%
HSV	322°, 54%, 62%
XYZ	20.5769, 13.6945, 21.9809
YIQ	104.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

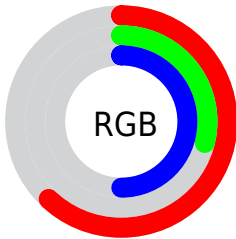
Format	Color
R_{YB}	159, 73, 128
Decimal	10439040
CIE _{Lab}	43.79, 42.51, -14.24
CIE _{LCh}	44, 44.826, 341.483
Yxy	13.6945, 0.3658, 0.2434
Android (android.graphics.Color)	4288629120 (0xFF9F4980)
YUV	104.9840, 11.3469, 47.3720
Hunter-Lab	37.0061, 34.4925, -9.3127

Details

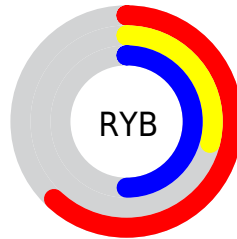
The YUV color **104.9840, 11.3469, 47.3720** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.0160, -11.3469, -47.3720**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5930, 11.0467, 50.3459**, and **51.5540, 13.5309, 46.8721** is the 20% darker color. If you saturate the color by 10%, you get **94.9080, 13.3564, 56.2087**, and if you desaturate by 10%, it is **115.0600, 9.3374, 38.5354**.

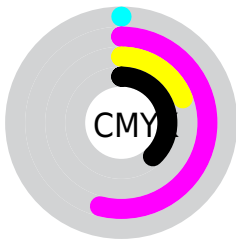
Distribution



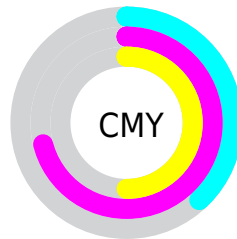
- Red (62%)
- Green (29%)
- Blue (50%)



- Red (62%)
- Yellow (29%)
- Blue (50%)



- Cyan (0%)
- Magenta (54%)
- Yellow (19%)
- Black (38%)




- Cyan (38%)
- Magenta (71%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.9840, 11.3469, 47.3720 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 104.9840, 11.3469, 47.3720 by changing the saturation by 10% instead.


 104.9840, 11.3469,
47.3720


 104.9840, 11.3469,
47.3720

255.0000, 0.0000,
0.0000


 78.7990, 11.9311,
46.6573


 158.5930, 11.0467,
50.3459


 51.5540, 13.5309,
46.8721


 186.1910, 10.7518,
51.5755

 30.0050, 12.8155,
42.9686

 208.3360, 14.1314,
40.9243

 20.0220, 6.8912,
29.7987

 227.4110, 13.6014,
24.1956

 9.0990, -0.0488,
15.6992

 243.8470, 5.4984,
9.7812

 0.0000, 0.0000,
0.0000

■ 104.9840, 11.3469,
47.3720

■ 104.9840, 11.3469,
47.3720

■ 94.9080, 13.3564,
56.2087

■ 115.0600, 9.3374,
38.5354

■ 84.9460, 15.8026,
64.9454

■ 125.0220, 6.8912,
29.7987

■ 74.8700, 17.8121,
73.7820

■ 135.0980, 4.8817,
20.9621

■ 64.7940, 19.8216,
82.6187

■ 145.1740, 2.8722,
12.1254

■ 59.1690, 21.1157,
87.5518

■ 155.2500, 0.8628,
3.2888

■ 164.6250, -1.2941,
-4.9331

■ 174.7010, -3.3036,
-13.7698

■ 184.7770, -5.3131,

-22.6064

■ 194.8530, -7.3225,
-31.4431

Harmonies

Analogous

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



106.3850, 26.4322, 15.4484



104.9840, 11.3469, 47.3720



102.0060, -5.4260, 60.5077

Triad

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



104.9840, 11.3469, 47.3720



97.7340, -36.8439, 10.7573



87.7680, 31.6664, -76.9725

Complementary

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



104.9840, 11.3469, 47.3720



127.0160, -11.3469, -47.3720

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.



84.3650, 16.0891, -73.9881



104.9840, 11.3469, 47.3720



93.1520, -24.2319, -21.1813

Square

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



104.9840, 11.3469, 47.3720



100.3550, -35.1780, 36.5227



79.4460, -0.2199, -69.6741



86.7540, 43.0123, -76.0833

Rectangle

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



104.9840, 11.3469, 47.3720



101.3080, -16.9138, 58.4889



79.4460, -0.2199, -69.6741



87.1010, 26.5722, -76.3876

Sweetspot

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



104.9840, 11.3469, 47.3720



186.2610, 4.3083, 18.1881



91.7740, 33.1424, 9.8452



92.3480, 2.2934, 11.0958



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



104.9840, 11.3469, 47.3720



122.1690, 17.6647, 74.3968



100.1960, -6.9986, 51.5711



73.9620, 1.0047, 4.4183



53.1310, 18.6694, 78.8151



5.6250, 2.1569, 8.2219

Inverse Universe

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



104.9840, 11.3469, 47.3720



122.1690, 17.6647, 74.3968



131.8040, 6.9986, -51.5711



73.9620, 1.0047, 4.4183



53.1310, 18.6694, 78.8151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 104.9840, 11.3469, 47.3720 looks on a white background.

Color Contrast Check

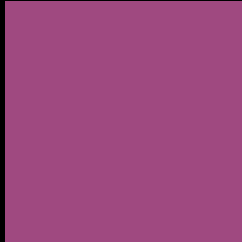
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9840, 11.3469, 47.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

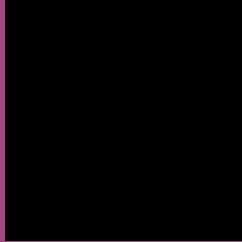
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9840, 11.3469, 47.3720

Background



This preview shows how black text looks on a background with the YUV color 104.9840, 11.3469, 47.3720.



This preview shows how white text looks on a background with the YUV color 104.9840, 11.3469,

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

104.9840, 11.3469, 47.3720

Protanopia

104.1720, 22.5932, -13.3058

Deuteranopia

105.2910, 8.7305, -0.2552



Tritanopia

104.5110, -8.1399, 44.2789

Trichromacy



Original Color

104.9840, 11.3469, 47.3720

Protanomaly

104.2780, 18.5969, 8.5262

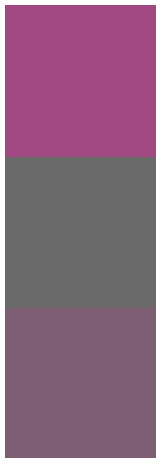
Deuteranomaly

105.0420, 9.8393, 17.5032

Tritanomaly

104.7590, -0.8672, 44.9384

Monochromacy



Original Color

104.9840, 11.3469, 47.3720

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8480, 4.0189, 17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9840, 11.3469, 47.3720 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(159, 73, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 73, 128)  
}
```

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(159, 73, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 73, 128) }
```

Border

The CSS property to change the border of an element to YUV 104.9840, 11.3469, 47.3720 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(159, 73, 128) }
```


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

```
.border{ border-color:rgb(159, 73, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 73, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 73, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 73, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 73,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 104.9840, 11.3469, 47.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 73, 128) }
```

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

```
.background{ background-color: rgb(159, 73,  
128) }
```

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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