

Converting Colors

YUV(104.4060, 18.0408,
47.0019)

Have a look what the booklet for
YUV(104.4060, 18.0408, 47.0019)
contains.

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Color

**YUV(104.4060, 18.0408,
47.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	9E468D
RGB	158, 70, 141
RGB Percent	62%, 27%, 55%
CMY	0.3804, 0.7255, 0.4471
CMYK	0.00, 0.56, 0.11, 0.38
HSL	312°, 39%, 45%
HSV	312°, 56%, 62%
XYZ	21.0984, 13.5725, 26.7070
YIQ	104.4060, 29.6570, 40.7370

Conversions

Conversions Part 2

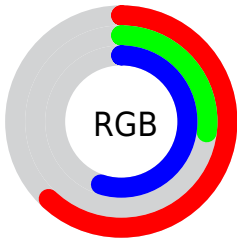
Format	Color
R_{YB}	158, 70, 141
Decimal	10372749
CIE _{Lab}	43.61, 45.79, -22.41
CIE _{LCh}	44, 50.979, 333.919
Yxy	13.5725, 0.3437, 0.2211
Android (android.graphics.Color)	4288562829 (0xFF9E468D)
YUV	104.4060, 18.0408, 47.0019
Hunter-Lab	36.8409, 37.7537, -17.1925

Details

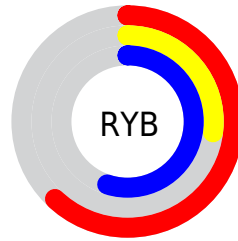
The YUV color **104.4060, 18.0408, 47.0019** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **123.5940, -18.0408, -47.0019**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1290, 18.1774, 49.8759**, and **49.1010, 20.6562, 48.1464** is the 20% darker color. If you saturate the color by 10%, you get **94.6720, 21.3607, 55.5387**, and if you desaturate by 10%, it is **114.1400, 14.7210, 38.4652**.

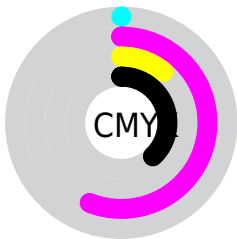
Distribution



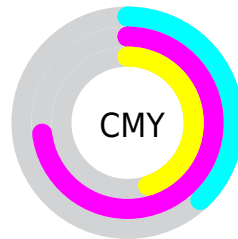
- Red (62%)
- Green (27%)
- Blue (55%)



- Red (62%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4060, 18.0408, 47.0019 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 104.4060, 18.0408, 47.0019 by changing the saturation by 10% instead.

104.4060, 18.0408,
47.0019

104.4060, 18.0408,
47.0019

255.0000, 0.0000,
0.0000

78.1070, 18.1882,
46.3872

158.1290, 18.1774,
49.8759

49.1010, 20.6562,
48.1464

185.8410, 18.3194,
51.0054

30.9600, 17.7677,
41.2541

208.8720, 21.2621,
40.4543

21.1620, 11.2591,
28.7989

225.6500, 14.4696,
25.7400

10.3960, 6.2138,
13.6847

242.6730, 6.0772,
10.8108

0.0000, 0.0000,
0.0000

104.4060, 18.0408,
47.0019

104.4060, 18.0408,
47.0019

94.6720, 21.3607,
55.5387

114.1400, 14.7210,
38.4652

84.9380, 24.6806,
64.0754

123.8740, 11.4011,
29.9285

75.7910, 27.7110,
72.0973

133.0210, 8.3706,
21.9066

66.0570, 31.0309,
80.6340

142.7550, 5.0508,
13.3699

61.7200, 32.1830,
84.4376

152.4890, 1.7309,
4.8331

162.2230, -1.5889,
-3.7036

171.9570, -4.9088,
-12.2403

181.1040, -7.9393,

-20.2622

■ 190.8380,
-11.2591, -28.7989

Harmonies

Analogous

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



104.9690, 34.0323, 4.4122



104.4060, 18.0408, 47.0019



99.7280, -0.3589, 68.6445

Triad

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



104.4060, 18.0408, 47.0019



96.0420, -47.3487, 20.1342



88.6000, 29.7772, -77.7022

Complementary

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



104.4060, 18.0408, 47.0019



123.5940, -18.0408, -47.0019

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.



84.5130, 11.5791, -74.1179



104.4060, 18.0408, 47.0019



92.0790, -33.5629, -14.9783

Square

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



104.4060, 18.0408, 47.0019



99.0250, -37.9733, 46.4591



77.7360, -6.7718, -68.1745



89.0850, 44.3281, -78.1275

Rectangle

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



104.4060, 18.0408, 47.0019



98.8840, -13.7468, 69.3847



77.7360, -6.7718, -68.1745



87.7050, 23.8094, -76.9173

Sweetspot

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



104.4060, 18.0408, 47.0019



185.0700, 7.3605, 19.2326



84.8160, 36.0797, 1.0384



92.2170, 4.3300, 11.2107



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.



104.4060, 18.0408, 47.0019



122.3290, 28.4318, 74.2565



99.5040, -0.7415, 51.3010



74.1900, 1.8783, 4.2184



55.8670, 29.1526, 76.4156



5.8530, 3.0305, 8.0219

Inverse Universe

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



104.4060, 18.0408, 47.0019



122.3290, 28.4318, 74.2565



128.4960, 0.7415, -51.3010



74.1900, 1.8783, 4.2184



55.8670, 29.1526, 76.4156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 104.4060, 18.0408, 47.0019 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 104.4060, 18.0408, 47.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

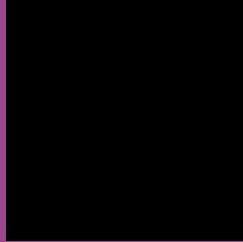
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4060, 18.0408, 47.0019

Background



This preview shows how black text looks on a background with the YUV color 104.4060, 18.0408, 47.0019.



This preview shows how white text looks on a background with the YUV color 104.4060, 18.0408,

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

104.4060, 18.0408, 47.0019

Protanopia

102.5330, 31.7822, -20.6384

Deuteranopia

104.0820, 15.7356, -7.0879



Tritanopia

104.3150, -7.5503, 41.8197

Trichromacy



Original Color

104.4060, 18.0408, 47.0019

Protanomaly

103.1340, 27.0489, 4.2675

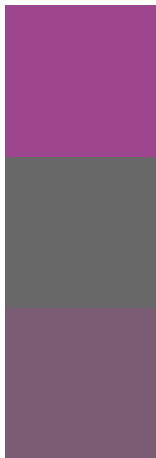
Deuteranomaly

104.1430, 16.6915, 13.0296

Tritanomaly

104.1440, 1.9010, 43.7237

Monochromacy



Original Color

104.4060, 18.0408, 47.0019

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.4180, 6.2029, 17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4060, 18.0408, 47.0019 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(158, 70, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 70, 141)  
}
```

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(158, 70, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 70, 141) }
```

Border

The CSS property to change the border of an element to YUV 104.4060, 18.0408, 47.0019 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(158, 70, 141) }
```


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

```
.border{ border-color:rgb(158, 70, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 70, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 70, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 70, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 70,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 104.4060, 18.0408, 47.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 70, 141) }
```

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

```
.background{ background-color: rgb(158, 70,  
141) }
```

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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