

Converting Colors

YUV(107.0180, 6.4001, 47.3422)

Have a look what the booklet for
YUV(107.0180, 6.4001, 47.3422)
contains.

YUV(107.0180, 6.4001, 47.3422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.0180, 6.4001,
47.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	A14D78
RGB	161, 77, 120
RGB Percent	63%, 30%, 47%
CMY	0.3686, 0.6980, 0.5294
CMYK	0.00, 0.52, 0.25, 0.37
HSL	329°, 35%, 47%
HSV	329°, 52%, 63%
XYZ	20.7420, 14.2409, 19.4248
YIQ	107.0180, 36.2610, 31.1810

Conversions

Conversions Part 2

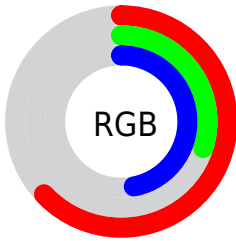
Format	Color
RYB	161, 77, 120
Decimal	10571128
CIELab	44.58, 39.92, -8.15
CIELCh	45, 40.746, 348.466
Yxy	14.2409, 0.3812, 0.2617
Android (android.graphics.Color)	4288761208 (0xFFA14D78)
YUV	107.0180, 6.4001, 47.3422
Hunter-Lab	37.7371, 32.0716, -4.1030

Details

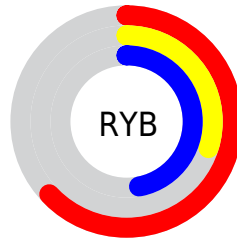
The YUV color **107.0180, 6.4001, 47.3422** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **130.9820, -6.4001, -47.3422**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5130, 5.6631, 50.4161**, and **54.8760, 8.4421, 45.7127** is the 20% darker color. If you saturate the color by 10%, you get **96.7140, 7.5360, 56.3788**, and if you desaturate by 10%, it is **117.3220, 5.2643, 38.3056**.

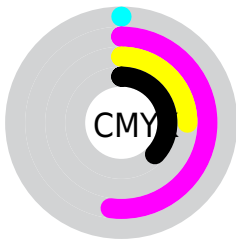
Distribution



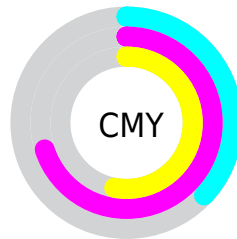
- Red (63%)
- Green (30%)
- Blue (47%)



- Red (63%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (37%)





- Cyan (37%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.0180, 6.4001, 47.3422 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 107.0180, 6.4001, 47.3422 by changing the saturation by 10% instead.


 107.0180, 6.4001,
47.3422

 107.0180, 6.4001,
47.3422


255.0000, 0.0000,
0.0000

 81.4200, 6.6949,
46.1127


 160.5130, 5.6631,
50.4161


 54.8760, 8.4421,
45.7127


 188.2250, 5.8051,
51.5457


 29.8050, 9.4631,
44.8980


 209.6580, 9.0426,
39.7649

 19.9360, 3.9756,
31.6281

 229.1720, 12.7332,
22.6512

 9.0840, -3.9854,
18.3433

 246.1950, 4.3409,
7.7220

 0.0000, 0.0000,
0.0000

■ 107.0180, 6.4001,
47.3422

■ 107.0180, 6.4001,
47.3422

■ 96.7140, 7.5360,
56.3788

■ 117.3220, 5.2643,
38.3056

■ 86.4100, 8.6719,
65.4154

■ 127.6260, 4.1284,
29.2690

■ 76.1060, 9.8077,
74.4520

■ 137.9300, 2.9925,
20.2324

■ 65.9160, 11.3804,
83.3887

■ 148.1200, 1.4198,
11.2958

■ 57.4870, 12.0849,
90.7809

■ 159.0110, -0.0054,
1.7444

■ 169.3150, -1.1413,
-7.2923

■ 179.6190, -2.2772,
-16.3289

■ 189.9230, -3.4130,

-25.3655

■ 200.2270, -4.5489,
-34.4021

Harmonies

Analogous

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



108.9360, 20.7376, 21.9811



107.0180, 6.4001, 47.3422



104.6480, -9.1935, 55.5597

Triad

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



107.0180, 6.4001, 47.3422



99.8840, -31.0018, 3.6097



88.1100, 32.9768, -77.2725

Complementary

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



107.0180, 6.4001, 47.3422



130.9820, -6.4001, -47.3422

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.



85.9780, 19.7308, -75.4027



107.0180, 6.4001, 47.3422



94.4270, -17.9585, -26.6845

Square

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



107.0180, 6.4001, 47.3422



102.5820, -32.8249, 28.4306



81.4010, 4.7323, -71.3887



85.9390, 42.4281, -75.3685

Rectangle

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



107.0180, 6.4001, 47.3422



104.2810, -19.3655, 51.4966



81.4010, 4.7323, -71.3887



87.7850, 29.1930, -76.9874

Sweetspot

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



107.0180, 6.4001, 47.3422



187.8050, 2.5611, 18.5880



98.8350, 30.6473, 16.8077



92.1200, 1.4198, 11.2958



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.



107.0180, 6.4001, 47.3422



124.2200, 10.2445, 74.3521



102.2300, -11.9454, 51.5413



76.2610, 0.8573, 5.0331



51.7910, 10.9490, 81.7443



6.4080, 1.2779, 10.1662

Inverse Universe

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



107.0180, 6.4001, 47.3422



124.2200, 10.2445, 74.3521



135.7700, 11.9454, -51.5413



76.2610, 0.8573, 5.0331



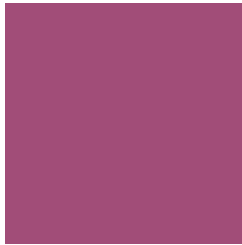
51.7910, 10.9490, 81.7443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 107.0180, 6.4001, 47.3422 looks on a white background.

Color Contrast Check

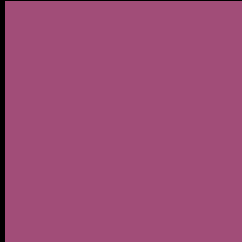
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0180, 6.4001, 47.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

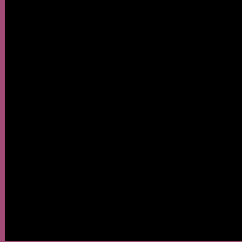
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0180, 6.4001, 47.3422

Background



This preview shows how black text looks on a background with the YUV color 107.0180, 6.4001, 47.3422.



This preview shows how white text looks on a background with the YUV color 107.0180, 6.4001,

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

107.0180, 6.4001, 47.3422

Protanopia

106.4840, 16.0304, -8.3175

Deuteranopia

107.1730, 4.3517, 4.2333



Tritanopia

106.1090, -8.4347, 45.5084

Trichromacy



Original Color

107.0180, 6.4001, 47.3422

Protanomaly

106.6930, 12.4764, 11.6702

Deuteranomaly

107.3860, 4.7397, 19.8325

Tritanomaly

106.4880, -3.1986, 46.0530

Monochromacy



Original Color

107.0180, 6.4001, 47.3422

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0930, 2.4192, 17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0180, 6.4001, 47.3422 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(161, 77, 120)` looks like.

```
.text, #text, p{  
    color:rgb(161, 77, 120)  
}
```

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(161, 77, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 77, 120) }
```

Border

The CSS property to change the border of an element to YUV 107.0180, 6.4001, 47.3422 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(161, 77, 120) }
```


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

```
.border{ border-color:rgb(161, 77, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 77, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 77, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 77, 120);  
box-shadow:4px 4px 4px 4px rgb(161, 77,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 107.0180, 6.4001, 47.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 77, 120) }
```

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

```
.background{ background-color: rgb(161, 77,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor