

Converting Colors

YUV(100.0640, 9.8284, 20.9919)

Have a look what the booklet for
YUV(100.0640, 9.8284, 20.9919)
contains.

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Color

**YUV(100.0640, 9.8284,
20.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5478
RGB	124, 84, 120
RGB Percent	49%, 33%, 47%
CMY	0.5137, 0.6706, 0.5294
CMYK	0.00, 0.32, 0.03, 0.51
HSL	306°, 19%, 41%
HSV	306°, 32%, 49%
XYZ	14.8727, 11.9818, 19.2981
YIQ	100.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

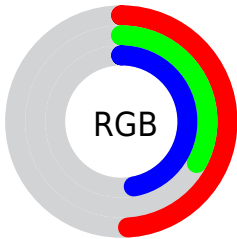
Format	Color
RYB	124, 84, 120
Decimal	8148088
CIELab	41.19, 22.94, -13.75
CIElCh	41, 26.741, 329.069
Yxy	11.9818, 0.3222, 0.2596
Android (android.graphics.Color)	4286338168 (0xFF7C5478)
YUV	100.0640, 9.8284, 20.9919
Hunter-Lab	34.6147, 16.1190, -8.8246

Details

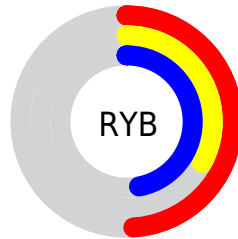
The YUV color **100.0640, 9.8284, 20.9919** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107.9360, -9.8284, -20.9919**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1890, 10.2598, 22.6362**, and **52.5260, 9.1077, 18.8327** is the 20% darker color. If you saturate the color by 10%, you get **92.9060, 12.8643, 27.2694**, and if you desaturate by 10%, it is **107.2220, 6.7926, 14.7143**.

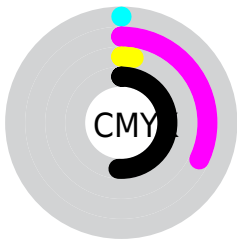
Distribution



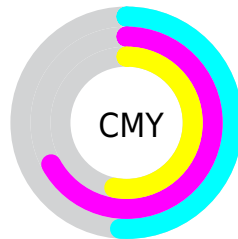
- Red (49%)
- Green (33%)
- Blue (47%)



- Red (49%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0640, 9.8284, 20.9919 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 100.0640, 9.8284, 20.9919 by changing the saturation by 10% instead.

■ 100.0640, 9.8284,
20.9919

■ 100.0640, 9.8284,
20.9919

■ 255.0000, 0.0000,
0.0000

■ 75.6510, 9.5391,
20.4771

■ 151.1890, 10.2598,
22.6362

■ 52.5260, 9.1077,
18.8327

■ 178.6020, 10.5492,
23.1510

■ 30.2270, 9.2551,
18.2179

■ 206.0150, 10.8386,
23.6658

■ 12.7600, 7.5133,
16.8735

■ 232.1070, 11.2862,
20.0772

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,
5.6628

100.0640, 9.8284,
20.9919

100.0640, 9.8284,
20.9919

92.9060, 12.8643,
27.2694

107.2220, 6.7926,
14.7143

85.1610, 16.1896,
34.0618

114.9670, 3.4673,
7.9219

77.8890, 18.7887,
40.4393

122.2390, 0.8682,
1.5444

70.1440, 22.1140,
47.2317

129.9840, -2.4571,
-5.2480

62.9860, 25.1499,
53.5093

137.1420, -5.4930,
-11.5255

55.8280, 28.1858,
59.7868


144.3000, -8.5289,
-17.8031

49.8440, 30.6429,
65.0348

152.1590,
-11.4174, -24.6954

159.3170,

-14.4533, -30.9730

 167.0620,
-17.7786, -37.7654

Harmonies

Analogous

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



98.6960, 17.8979, -0.6104



100.0640, 9.8284, 20.9919



99.5080, -0.2504, 33.7575

Triad

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



100.0640, 9.8284, 20.9919



95.8820, -21.1408, 14.1355



76.8480, 20.2879, -67.3957

Complementary

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



100.0640, 9.8284, 20.9919



107.9360, -9.8284, -20.9919

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.



83.8970, 5.9668, -47.2677



100.0640, 9.8284, 20.9919



93.0970, -17.3028, -3.5931

Square

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



100.0640, 9.8284, 20.9919



97.0670, -18.2740, 28.0052



90.0820, -7.9284, -23.7509



81.3960, 25.9338, -58.2293

Rectangle

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



100.0640, 9.8284, 20.9919



98.3960, -7.0972, 36.4867



90.0820, -7.9284, -23.7509



76.6370, 16.9410, -67.2106

Sweetspot

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



100.0640, 9.8284, 20.9919



151.3800, 3.7567, 8.4367



89.7560, 16.8823, -1.5400



76.0160, 2.4571, 5.2480



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



100.0640, 9.8284, 20.9919



123.2210, 15.1740, 33.1322



97.7840, 1.0925, 22.9914



57.4780, 1.7363, 3.0888



50.1430, 30.4955, 65.6496



101.2260, 62.0066, 132.2288

Inverse Universe

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



100.0640, 9.8284, 20.9919



123.2210, 15.1740, 33.1322



110.2160, -1.0925, -22.9914



57.4780, 1.7363, 3.0888



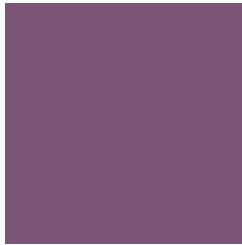
50.1430, 30.4955, 65.6496



101.2260, 62.0066, 132.2288

Previews

White Background



This preview shows how the YUV color 100.0640, 9.8284, 20.9919 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 100.0640, 9.8284, 20.9919 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 100.0640, 9.8284, 20.9919

Background



This preview shows how black text looks on a background with the YUV color 100.0640, 9.8284, 20.9919.



This preview shows how white text looks on a background with the YUV color 100.0640, 9.8284,

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

100.0640, 9.8284, 20.9919

Protanopia

97.6690, 15.4462, -7.6027

Deuteranopia

98.2200, 9.7515, -1.0699



Tritanopia

99.3660, -1.6594, 18.9730

Trichromacy



Original Color

100.0640, 9.8284, 20.9919

Protanomaly

98.8660, 13.3771, 2.7485

Deuteranomaly

98.9760, 9.8718, 7.0370

Tritanomaly

99.5170, 2.7031, 19.7176

Monochromacy



Original Color

100.0640, 9.8284, 20.9919

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0640, 9.8284, 20.9919 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(124, 84, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 84, 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(124, 84, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 84, 120) }
```

Border

The CSS property to change the border of an element to YUV 100.0640, 9.8284, 20.9919 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(124, 84, 120) }
```


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

```
.border{ border-color:rgb(124, 84, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 84, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 84, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 84, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 84,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 100.0640, 9.8284, 20.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 84, 120) }
```

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

```
.background{ background-color: rgb(124, 84,  
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](#).

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