

Converting Colors

YUV(175.0640, 9.8284, 20.9919)

Have a look what the booklet for
YUV(175.0640, 9.8284, 20.9919)
contains.

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Color

**YUV(175.0640, 9.8284,
20.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	C79FC3
RGB	199, 159, 195
RGB Percent	78%, 62%, 76%
CMY	0.2196, 0.3765, 0.2353
CMYK	0.00, 0.20, 0.02, 0.22
HSL	306°, 26%, 70%
HSV	306°, 20%, 78%
XYZ	45.8017, 40.8785, 57.1061
YIQ	175.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

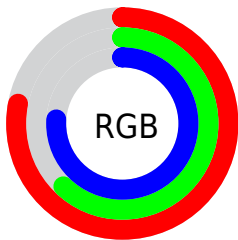
Format	Color
R_{YB}	199, 159, 195
Decimal	13082563
CIE _{Lab}	70.09, 20.92, -12.86
CIE _{LCh}	70, 24.553, 328.424
Yxy	40.8785, 0.3185, 0.2843
Android (android.graphics.Color)	4291272643 (0xFFC79FC3)
YUV	175.0640, 9.8284, 20.9919
Hunter-Lab	63.9363, 15.9824, -8.2007

Details

The YUV color $175.0640, 9.8284, 20.9919$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.9360, -9.8284, -20.9919$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.5910, 10.5546, 21.4067$, and $122.2380, 9.2497, 19.9623$ is the 20% darker color. If you saturate the color by 10%, you get $163.0960, 14.7427, 31.4878$, and if you desaturate by 10%, it is $187.0320, 4.9142, 10.4959$.

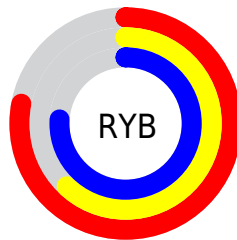
Distribution



Red (78%)

Green (62%)

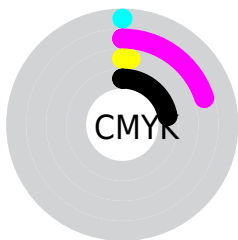
Blue (76%)



Red (78%)

Yellow (62%)

Blue (76%)

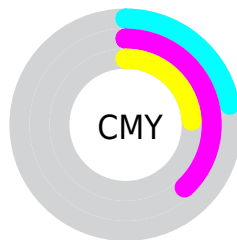


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0640, 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 175.0640, 9.8284, 20.9919 by changing the saturation by 10% instead.

 175.0640, 9.8284,
20.9919

 175.0640, 9.8284,
20.9919

255.0000, 0.0000,
0.0000


 148.3520, 9.6865,
19.8623


 230.5910, 10.5546,
21.4067

 122.2380, 9.2497,
19.9623

 247.3690, 3.7621,
6.6924

 97.5260, 9.1077,
18.8327

 73.1130, 8.8183,
18.3179

 50.4010, 8.6763,
17.1883

 27.6890, 8.5343,
16.0587

 11.5210, 6.6451,

15.3291

■ 0.0000, 0.0000,
0.0000

■ 175.0640, 9.8284,
20.9919

■ 175.0640, 9.8284,
20.9919

■ 163.0960, 14.7427,
31.4878

■ 187.0320, 4.9142,
10.4959

■ 151.1280, 19.6569,
41.9837

■ 199.0000, 0.0000,
0.0000

■ 139.1600, 24.5711,
52.4797

■ 210.9680, -4.9142,
-10.4959

■ 127.1920, 29.4853,
62.9756

■ 222.9360, -9.8284,
-20.9919

■ 115.8110, 34.1102,
72.9568

■ 232.5560,
-13.5851, -29.4286

■ 103.8430, 39.0244,
83.4527

■ 232.7840,
-12.7115, -29.6286

■ 91.8750, 43.9386,
93.9486

■ 233.0120,
-11.8379, -29.8285

■ 79.9070, 48.8528,
104.4446

■ 233.2400,
-10.9643, -30.0285

■ 233.4680,
-10.0907, -30.2284

Harmonies

Analogous

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



173.1090, 18.1873, -0.0956



175.0640, 9.8284, 20.9919



174.6930, -0.8346, 34.4722

Triad

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



175.0640, 9.8284, 20.9919



170.1920, -21.2937, 16.4946



161.0030, 15.2815, -48.2376

Complementary

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



175.0640, 9.8284, 20.9919



182.9360, -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.



162.2570, 3.3243, -39.6904



175.0640, 9.8284, 20.9919



167.6950, -17.5976, -2.3635

Square

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



175.0640, 9.8284, 20.9919



172.2630, -18.8637, 30.4643



164.8650, -8.8074, -21.8066



164.1700, 22.1012, -42.2451

Rectangle

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



175.0640, 9.8284, 20.9919



174.4670, -8.1182, 37.3014



164.8650, -8.8074, -21.8066



161.3900, 11.6397, -46.8230

Sweetspot

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



175.0640, 9.8284, 20.9919



245.9670, 3.4673, 7.9219



164.7560, 16.8823, -1.5400



122.6030, 2.1677, 4.7332



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



175.0640, 9.8284, 20.9919



218.5090, 15.0321, 32.0026



172.7840, 1.0925, 22.9914



93.6030, 2.1677, 4.7332



65.4950, 40.1820, 85.5119



14.4120, 8.6709, 18.9327

Inverse Universe

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



175.0640, 9.8284, 20.9919



218.5090, 15.0321, 32.0026



185.2160, -1.0925, -22.9914



93.6030, 2.1677, 4.7332



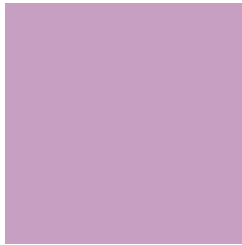
65.4950, 40.1820, 85.5119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 175.0640, 9.8284, 20.9919 looks on a white background.

Color Contrast Check

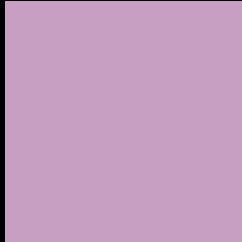
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 175.0640, 9.8284, 20.9919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

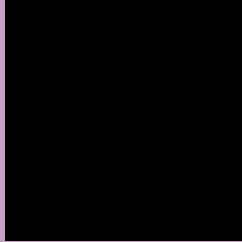
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0640, 9.8284, 20.9919

Background



This preview shows how black text looks on a background with the YUV color 175.0640, 9.8284, 20.9919.



This preview shows how white text looks on a background with the YUV color 175.0640, 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

175.0640, 9.8284, 20.9919

Protanopia

172.1530, 14.7146, -6.2732

Deuteranopia

173.2530, 9.7353, 4.1631



Tritanopia

173.6480, 0.6665, 19.6027

Trichromacy



Original Color

175.0640, 9.8284, 20.9919

Protanomaly

173.0510, 12.7929, 3.4633

Deuteranomaly

173.9980, 9.8610, 10.5258

Tritanomaly

174.1580, 3.8661, 20.0324

Monochromacy



Original Color

175.0640, 9.8284, 20.9919

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0640, 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(199, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 195)  
}
```

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(199, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 195) }
```

Border

The CSS property to change the border of an element to YUV 175.0640, 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(199, 159, 195) }
```


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

```
.border{ border-color:rgb(199, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 175.0640, 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(199, 159, 195) }
```

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

```
.background{ background-color: rgb(199,  
159, 195) }
```

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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