

Converting Colors

YUV(67.0640, 9.8284, 20.9919)

Have a look what the booklet for
YUV(67.0640, 9.8284, 20.9919)
contains.

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Color

**YUV(67.0640, 9.8284,
20.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3357
RGB	91, 51, 87
RGB Percent	36%, 20%, 34%
CMY	0.6431, 0.8000, 0.6588
CMYK	0.00, 0.44, 0.04, 0.64
HSL	306°, 28%, 28%
HSV	306°, 44%, 36%
XYZ	7.2185, 5.2799, 9.6555
YIQ	67.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

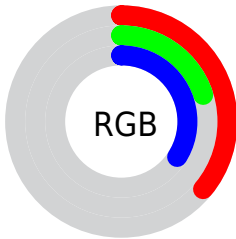
Format	Color
R_{YB}	91, 51, 87
Decimal	5976919
CIE _{Lab}	27.52, 24.16, -14.16
CIE _{LCh}	28, 28.006, 329.637
Yxy	5.2799, 0.3258, 0.2383
Android (android.graphics.Color)	4284166999 (0xFF5B3357)
YUV	67.0640, 9.8284, 20.9919
Hunter-Lab	22.9781, 15.8637, -8.8293

Details

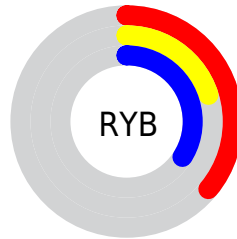
The YUV color **67.0640, 9.8284, 20.9919** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.9360, -9.8284, -20.9919**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1890, 10.2598, 22.6362**, and **21.4660, 10.1233, 19.7623** is the 20% darker color. If you saturate the color by 10%, you get **61.6670, 11.9962, 25.7250**, and if you desaturate by 10%, it is **72.4610, 7.6607, 16.2587**.

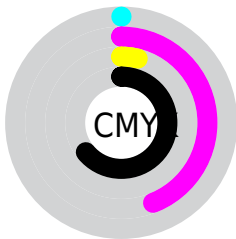
Distribution



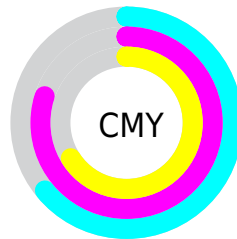
- Red (36%)
- Green (20%)
- Blue (34%)



- Red (36%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0640, 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 67.0640, 9.8284, 20.9919 by changing the saturation by 10% instead.

67.0640, 9.8284,
20.9919

67.0640, 9.8284,
20.9919

255.0000, 0.0000,
0.0000

44.3520, 9.6865,
19.8623

116.1890, 10.2598,
22.6362

21.4660, 10.1233,
19.7623

141.9010, 10.4018,
23.7658

8.3740, 6.2246,
10.1960

168.3140, 10.6912,
24.2806

0.0000, 0.0000,
0.0000

196.0260, 10.8332,
25.4102

223.5530, 11.5594,
25.8250

242.0860, 6.3666,

11.3256

■ 67.0640, 9.8284,
20.9919

■ 67.0640, 9.8284,
20.9919

■ 61.6670, 11.9962,
25.7250

■ 72.4610, 7.6607,
16.2587

■ 56.2700, 14.1639,
30.4582

■ 77.8580, 5.4930,
11.5255

■ 50.8730, 16.3316,
35.1914

■ 83.2550, 3.3253,
6.7924

■ 45.4760, 18.4993,
39.9245

■ 88.6520, 1.1576,
2.0592

■ 40.0790, 20.6671,
44.6577

■ 94.6360, -1.2995,
-3.1888

■ 36.5570, 22.4034,
47.7465

■ 99.9190, -3.9041,
-7.8220

■ 105.3160, -6.0718,
-12.5551

■ 110.7130, -8.2395,
-17.2883

■ 116.1100,
-10.4072, -22.0215

Harmonies

Analogous

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



65.6960, 17.8979, -0.6104



67.0640, 9.8284, 20.9919



65.3230, 0.3338, 33.0427

Triad

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



67.0640, 9.8284, 20.9919



62.8710, -21.1354, 12.3911



53.8290, 15.8603, -47.2080

Complementary

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



67.0640, 9.8284, 20.9919



74.9360, -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.



51.9080, 5.9614, -45.5233



67.0640, 9.8284, 20.9919



60.7980, -17.1554, -4.2078

Square

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



67.0640, 9.8284, 20.9919



64.1700, -17.8318, 26.1609



56.2990, -7.0494, -25.6952



54.4790, 23.4279, -47.7781

Rectangle

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



67.0640, 9.8284, 20.9919



64.9120, -6.3656, 35.1572



56.2990, -7.0494, -25.6952



53.6180, 12.5133, -47.0230

Sweetspot

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



67.0640, 9.8284, 20.9919



108.0810, 3.9041, 7.8220



56.7560, 16.8823, -1.5400



53.0160, 2.4571, 5.2480



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.0640, 9.8284, 20.9919



79.9220, 15.3215, 32.5174



64.7840, 1.0925, 22.9914



42.9510, 1.0102, 2.6740



44.1760, 27.0282, 57.7276



95.1450, 58.1025, 124.4068

Inverse Universe

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



67.0640, 9.8284, 20.9919



79.9220, 15.3215, 32.5174



77.2160, -1.0925, -22.9914



42.9510, 1.0102, 2.6740



44.1760, 27.0282, 57.7276



95.1450, 58.1025, 124.4068

Previews

White Background



This preview shows how the YUV color 67.0640, 9.8284, 20.9919 looks on a white background.

Color Contrast Check

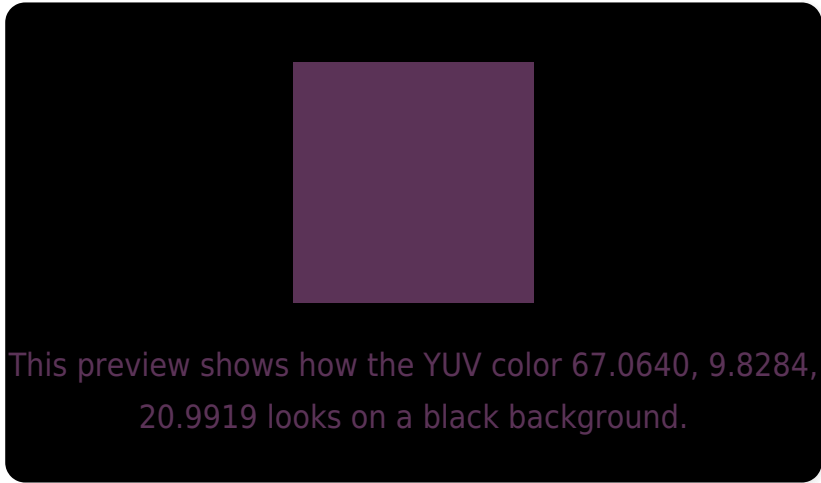
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

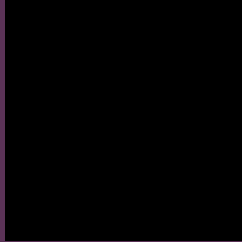
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0640, 9.8284, 20.9919

Background



This preview shows how black text looks on a background with the YUV color 67.0640, 9.8284, 20.9919.



This preview shows how white text looks on a background with the YUV color 67.0640, 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

67.0640, 9.8284, 20.9919

Protanopia

64.7720, 15.8884, -9.4470

Deuteranopia

65.7960, 9.4676, -3.3291



Tritanopia

66.7250, -2.8224, 18.6582

Trichromacy



Original Color

67.0640, 9.8284, 20.9919

Protanomaly

65.2680, 13.6719, 1.5190

Deuteranomaly

66.2640, 9.7298, 5.9075

Tritanomaly

66.8760, 1.5401, 19.4027

Monochromacy



Original Color

67.0640, 9.8284, 20.9919

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0640, 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(91, 51, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 51, 87)  
}
```

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(91, 51, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 51, 87) }
```

Border

The CSS property to change the border of an element to YUV 67.0640, 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(91, 51, 87) }
```


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

```
.border{ border-color:rgb(91, 51, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 51, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 51, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 51, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 51, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0640, 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(91, 51, 87) }
```

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

```
.background{ background-color: rgb(91, 51,  
87) }
```

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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