

Converting Colors

YUV(96.7600, 8.0063, 92.2955)

Have a look what the booklet for
YUV(96.7600, 8.0063, 92.2955)
contains.

YUV(96.7600, 8.0063, 92.2955)	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(96.7600, 8.0063,
92.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2871
RGB	202, 40, 113
RGB Percent	79%, 16%, 44%
CMY	0.2078, 0.8431, 0.5569
CMYK	0.00, 0.80, 0.44, 0.21
HSL	333°, 67%, 47%
HSV	333°, 80%, 79%
XYZ	28.0965, 15.2664, 17.0886
YIQ	96.7600, 73.1190, 57.0470

Conversions

Conversions Part 2

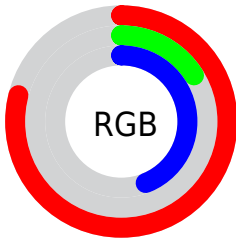
Format	Color
R_{YB}	202, 40, 113
Decimal	13248625
CIE Lab	46.00, 65.85, -0.99
CIE LCh	46, 65.854, 359.139
Yxy	15.2664, 0.4648, 0.2525
Android (android.graphics.Color)	4291438705 (0xFFCA2871)
YUV	96.7600, 8.0063, 92.2955
Hunter-Lab	39.0722, 59.9816, 1.4195

Details

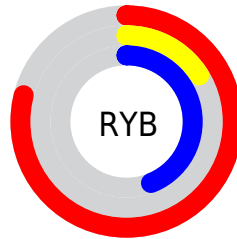
The YUV color **96.7600, 8.0063, 92.2955** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **145.2400, -8.0063, -92.2955**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5160, 4.6756, 87.2475**, and **49.8680, 7.4601, 80.7998** is the 20% darker color. If you saturate the color by 10%, you get **83.7660, 8.9894, 103.6912**, and if you desaturate by 10%, it is **109.7540, 7.0233, 80.8997**.

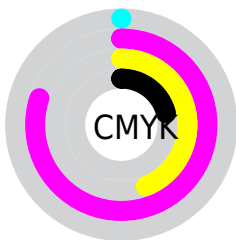
Distribution



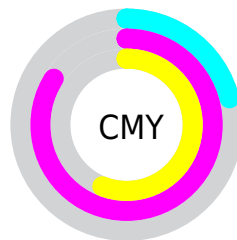
- Red (79%)
- Green (16%)
- Blue (44%)



- Red (79%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7600, 8.0063, 92.2955 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 96.7600, 8.0063, 92.2955 by changing the saturation by 10% instead.

■ 96.7600, 8.0063,
92.2955

■ 96.7600, 8.0063,
92.2955

■ 255.0000, 0.0000,
0.0000

■ 61.5740, 13.5210,
96.8436

■ 155.5160, 4.6756,
87.2475

■ 49.8680, 7.4601,
80.7998

■ 175.6170, 8.0768,
69.6189

■ 38.8030, 2.5621,
65.0708

■ 195.7180, 11.4780,
51.9903

■ 27.7380, -2.3358,
49.3418

■ 216.0470, 15.7528,
34.1618

■ 16.9720, -7.3812,
34.2276

■ 233.8680, 10.4181,
18.5328

■ 4.1860, -2.0637,
8.6069

■ 251.4780, 1.7363,

■ 0.0000, 0.0000,

3.0888

0.0000

■ 96.7600, 8.0063,
92.2955

■ 96.7600, 8.0063,
92.2955

■ 83.7660, 8.9894,
103.6912

■ 109.7540, 7.0233,
80.8997

■ 70.7720, 9.9724,
115.0870

■ 122.7480, 6.0402,
69.5040

■ 136.3290, 4.7678,
57.5935

■ 149.3230, 3.7848,
46.1977

■ 162.3170, 2.8017,
34.8020

■ 175.4250, 2.2555,
23.3063

■ 188.4190, 1.2724,
11.9105

■ 202.0000, 0.0000,
0.0000

■ 214.9940, -0.9830,
-11.3957

Harmonies

Analogous

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



108.5070, 28.3440, 55.6834



96.7600, 8.0063, 92.2955



98.2240, -19.3374, 89.2576

Triad

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



96.7600, 8.0063, 92.2955



94.6480, -46.6615, -13.7233



98.3920, 52.0647, -86.2898

Complementary

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



96.7600, 8.0063, 92.2955



145.2400, -8.0063, -92.2955

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.



96.4250, 31.8355, -84.5647



96.7600, 8.0063, 92.2955



81.1950, -16.3651, -71.2080

Square

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



96.7600, 8.0063, 92.2955



101.9890, -50.2806, 27.1966



90.1550, 7.8116, -79.0659



93.7590, 62.2368, -82.2266

Rectangle

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



96.7600, 8.0063, 92.2955



100.9730, -38.9337, 74.5687



90.1550, 7.8116, -79.0659



98.7850, 45.9550, -86.6344

Sweetspot

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



96.7600, 8.0063, 92.2955



215.3170, 2.8017, 34.8020



84.1820, 58.0843, 36.6744



103.8870, 1.5347, 21.1471



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.



96.7600, 8.0063, 92.2955



95.9090, 12.3699, 139.5228



91.3730, -25.3269, 97.0199



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Inverse Universe

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



96.7600, 8.0063, 92.2955



95.9090, 12.3699, 139.5228



150.6270, 25.3269, -97.0199



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 96.7600, 8.0063, 92.2955 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 96.7600, 8.0063, 92.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

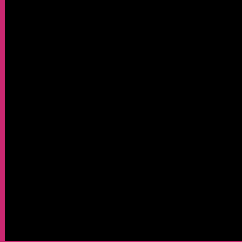
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7600, 8.0063, 92.2955

Background



This preview shows how black text looks on a background with the YUV color 96.7600, 8.0063, 92.2955.



This preview shows how white text looks on a background with the YUV color 96.7600, 8.0063,

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

96.7600, 8.0063, 92.2955

Protanopia

109.6560, 21.8616, -11.9763

Deuteranopia

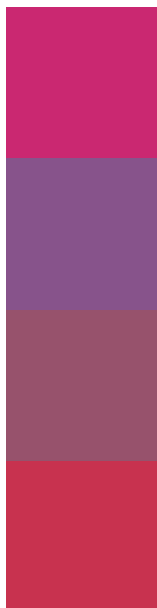
110.6700, -2.7953, 9.9364



Tritanopia

99.0990, -19.7688, 87.6132

Trichromacy



Original Color

96.7600, 8.0063, 92.2955

Protanomaly

104.9320, 16.7955, 26.3696

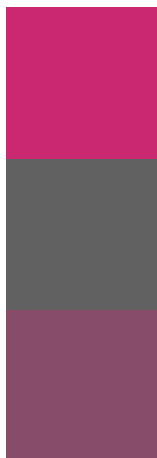
Deuteranomaly

105.5950, 1.1857, 39.8202

Tritanomaly

98.1560, -9.4439, 89.3172

Monochromacy



Original Color

96.7600, 8.0063, 92.2955

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7190, 3.0965, 33.5724

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7600, 8.0063, 92.2955 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(202, 40, 113)` looks like.

```
.text, #text, p{  
    color:rgb(202, 40, 113)  
}
```

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(202, 40, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 40, 113) }
```

Border

The CSS property to change the border of an element to YUV 96.7600, 8.0063, 92.2955 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(202, 40, 113) }
```


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

```
.border{ border-color:rgb(202, 40, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 40, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 40, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 40, 113);  
box-shadow:4px 4px 4px 4px rgb(202, 40,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 96.7600, 8.0063, 92.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 40, 113) }
```

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

```
.background{ background-color: rgb(202, 40,  
113) }
```

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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