

Converting Colors

YUV(98.0250, -3.9563,
102.5871)

Have a look what the booklet for
YUV(98.0250, -3.9563, 102.5871)
contains.

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Color

**YUV(98.0250, -3.9563,
102.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	D7285A
RGB	215, 40, 90
RGB Percent	84%, 16%, 35%
CMY	0.1569, 0.8431, 0.6471
CMYK	0.00, 0.81, 0.58, 0.16
HSL	343°, 69%, 50%
HSV	343°, 81%, 84%
XYZ	30.6286, 16.7028, 11.2825
YIQ	98.0250, 88.2500, 52.6500

Conversions

Conversions Part 2

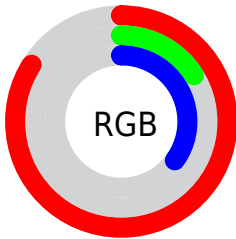
Format	Color
RYB	215, 40, 90
Decimal	14100570
CIELab	47.88, 67.43, 16.20
CIElCh	48, 69.354, 13.512
Yxy	16.7028, 0.5225, 0.2850
Android (android.graphics.Color)	4292290650 (0xFFD7285A)
YUV	98.0250, -3.9563, 102.5871
Hunter-Lab	40.8691, 62.2525, 12.2405

Details

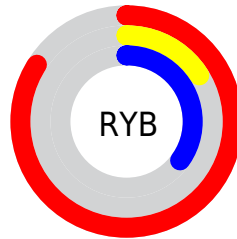
The YUV color **98.0250, -3.9563, 102.5871** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **156.9750, 3.9563, -102.5871**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2530, -6.5337, 89.2321**, and **50.8770, -2.8974, 89.5619** is the 20% darker color. If you saturate the color by 10%, you get **83.9880, -4.4311, 114.8975**, and if you desaturate by 10%, it is **112.6490, -3.7710, 89.7618**.

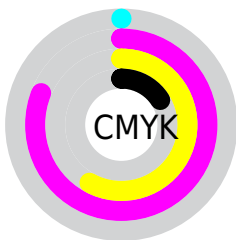
Distribution



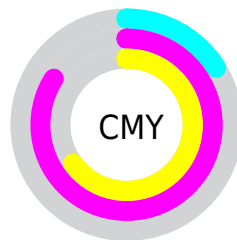
- Red (84%)
- Green (16%)
- Blue (35%)



- Red (84%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0250, -3.9563, 102.5871 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 98.0250, -3.9563, 102.5871 by changing the saturation by 10% instead.

■ 98.0250, -3.9563,
102.5871

■ 98.0250, -3.9563,
102.5871

■ 255.0000, 0.0000,
0.0000

■ 62.6540, 2.1426,
106.4204

■ 153.2530, -6.5337,
89.2321

■ 50.8770, -2.8974,
89.5619

■ 173.8270, -3.8587,
71.1887

■ 39.3280, -7.0637,
72.5033

■ 193.9280, -0.4575,
53.5601

■ 27.9210, -13.2721,
57.0743

■ 214.1430, 3.3805,
35.8316

■ 19.4780, -8.1237,
39.0458

■ 234.3580, 7.2185,
18.1030

■ 8.7850, -3.8380,
17.7286

■ 252.6520, 1.1576,

■ 0.0000, 0.0000,

2.0592

0.0000

■ 98.0250, -3.9563,
102.5871

■ 98.0250, -3.9563,
102.5871

■ 83.9880, -4.4311,
114.8975

■ 112.6490, -3.7710,
89.7618

■ 71.2390, -5.0478,
126.0784


■ 126.8000, -2.8594,
77.3514


■ 141.4240, -2.6740,
64.5262


■ 155.4610, -2.1993,
52.2157

■ 170.1990, -1.5771,
39.2905

■ 184.2360, -1.1023,
26.9800

 198.9740, -0.4802,
14.0548

 213.0110, -0.0054,
1.7444

 227.6350, 0.1799,
-11.0809

Harmonies

Analogous

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



106.0220, 20.6952, 82.4187



98.0250, -3.9563, 102.5871



104.0650, -35.0350, 84.1350

Triad

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



98.0250, -3.9563, 102.5871



88.9430, -40.8909, -44.6770



101.6010, 61.8217, -89.1041

Complementary

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



98.0250, -3.9563, 102.5871



156.9750, 3.9563, -102.5871

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.



102.5350, 45.0922, -89.9232



98.0250, -3.9563, 102.5871



89.3110, -5.5763, -78.3257

Square

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



98.0250, -3.9563, 102.5871



103.9390, -51.2419, 8.8235



97.4390, 20.4896, -85.4540



91.8500, 67.6150, -80.5524

Rectangle

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



98.0250, -3.9563, 102.5871



106.0520, -52.2836, 63.0984



97.4390, 20.4896, -85.4540



103.0370, 57.1698, -90.3634

Sweetspot

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



98.0250, -3.9563, 102.5871



214.1770, -1.5663, 35.8018



96.7270, 58.3086, 58.1214



103.2030, -1.0861, 21.7470



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.



98.0250, -3.9563, 102.5871



87.9580, -5.4023, 146.4958



112.8700, -35.9249, 89.5680



99.6310, -0.3111, 6.4626



56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Inverse Universe

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



98.0250, -3.9563, 102.5871



87.8440, -5.8391, 146.5958



142.1300, 35.9249, -89.5680



99.6310, -0.3111, 6.4626



56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 98.0250, -3.9563, 102.5871 looks on a white background.

Color Contrast Check

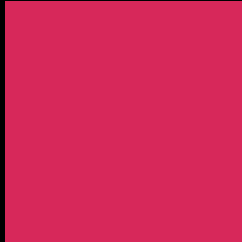
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0250, -3.9563, 102.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

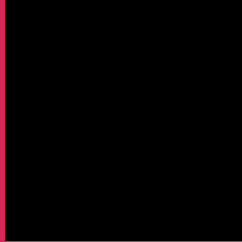
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0250, -3.9563, 102.5871

Background



This preview shows how black text looks on a background with the YUV color 98.0250, -3.9563, 102.5871.



This preview shows how white text looks on a background with the YUV color 98.0250, -3.9563,

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

98.0250, -3.9563, 102.5871

Protanopia

115.1400, 4.3680, -0.9998

Deuteranopia

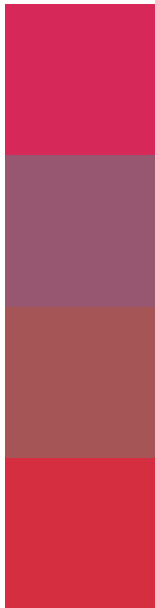
114.5820, -16.0629, 18.7836



Tritanopia

98.8510, -23.5905, 100.1087

Trichromacy



Original Color

98.0250, -3.9563, 102.5871

Protanomaly

108.9860, 1.4859, 36.8463

Deuteranomaly

108.9200, -11.7926, 49.1822

Tritanomaly

98.3980, -16.4652, 101.3830

Monochromacy



Original Color

98.0250, -3.9563, 102.5871

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1880, -1.5717, 37.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0250, -3.9563, 102.5871 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(215, 40, 90)` looks like.

```
.text, #text, p{  
    color:rgb(215, 40, 90)  
}
```

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(215, 40, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 40, 90) }
```

Border

The CSS property to change the border of an element to YUV 98.0250, -3.9563, 102.5871 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(215, 40, 90) }
```


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

```
.border{ border-color:rgb(215, 40, 90) }
```

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

Here you see how a box with a 4 pixel rgb(215, 40, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 40, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 40, 90);  
box-shadow:4px 4px 4px 4px rgb(215, 40,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 98.0250, -3.9563, 102.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 40, 90) }
```

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

```
.background{ background-color: rgb(215, 40,  
90) }
```

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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