

Converting Colors

YUV(82.0350, 0.9687, 109.5943)

Have a look what the booklet for
YUV(82.0350, 0.9687, 109.5943)
contains.

YUV(82.0350, 0.9687, 109.5943)	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(82.0350, 0.9687,
109.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1254
RGB	207, 18, 84
RGB Percent	81%, 7%, 33%
CMY	0.1882, 0.9294, 0.6706
CMYK	0.00, 0.91, 0.59, 0.19
HSL	339°, 84%, 44%
HSV	339°, 91%, 81%
XYZ	27.5487, 14.3381, 9.7031
YIQ	82.0350, 91.4580, 60.5940

Conversions

Conversions Part 2

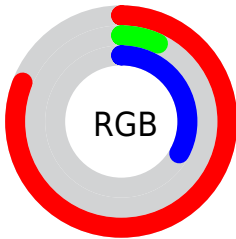
Format	Color
R_{YB}	207, 18, 84
Decimal	13570644
CIE Lab	44.71, 69.20, 15.35
CIE LCh	45, 70.879, 12.504
Yxy	14.3381, 0.5340, 0.2779
Android (android.graphics.Color)	4291760724 (0xFFCF1254)
YUV	82.0350, 0.9687, 109.5943
Hunter-Lab	37.8657, 63.6003, 11.3130

Details

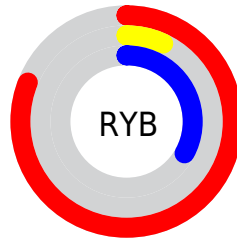
The YUV color **82.0350, 0.9687, 109.5943** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **142.9650, -0.9687, -109.5943**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4110, -6.1186, 96.1096**, and **47.9150, -3.9021, 85.1435** is the 20% darker color. If you saturate the color by 10%, you get **70.1010, 0.9362, 120.0604**, and if you desaturate by 10%, it is **95.8440, 0.5699, 97.4838**.

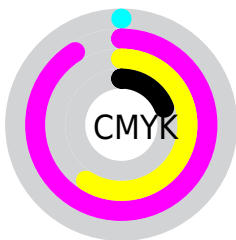
Distribution



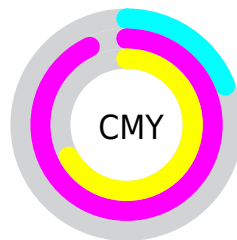
- Red (81%)
- Green (7%)
- Blue (33%)



- Red (81%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (91%)
- Yellow (59%)
- Black (19%)




- Cyan (19%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.0350, 0.9687, 109.5943 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 82.0350, 0.9687, 109.5943 by changing the saturation by 10% instead.


 82.0350, 0.9687,
109.5943

 82.0350, 0.9687,
109.5943


255.0000, 0.0000,
0.0000


 59.5780, 0.7010,
102.1021


 145.4110, -6.1186,
96.1096

 47.9150, -3.9021,
85.1435


 165.9850, -3.4436,
78.0662


 36.3660, -8.0684,
68.0850


 186.0860, -0.0424,
60.4376

 25.6430, -11.6560,
52.0561

 206.8880, 3.5062,
42.1942

 16.6730, -7.2338,
33.6128

 227.1030, 7.3442,
24.4657

 2.6910, -1.3267,
5.5330

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 82.0350, 0.9687,
109.5943

■ 82.0350, 0.9687,
109.5943

■ 70.1010, 0.9362,
120.0604

■ 95.8440, 0.5699,
97.4838

■ 109.1800, 0.8973,
85.7881

■ 122.9890, 0.4984,
73.6776

■ 136.9120, 0.5364,
61.4672

■ 150.7210, 0.1375,
49.3567

■ 164.0570, 0.4649,
37.6610

■ 177.8660, 0.0661,
25.5505

■ 191.7890, 0.1040,
13.3400

■ 205.0110, -0.0054,
1.7444

Harmonies

Analogous

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



93.9560, 24.1787, 85.1076



82.0350, 0.9687, 109.5943



94.4180, -33.7301, 85.5794

Triad

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



82.0350, 0.9687, 109.5943



80.2740, -39.5751, -46.7213



96.6940, 60.7899, -84.8006

Complementary

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



82.0350, 0.9687, 109.5943



142.9650, -0.9687, -109.5943

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.



96.8130, 43.4762, -84.9050



82.0350, 0.9687, 109.5943



83.4750, -7.6292, -73.2076

Square

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



82.0350, 0.9687, 109.5943



96.8510, -47.7475, 8.0237



91.7170, 18.8735, -80.4358



87.0570, 67.0199, -76.3490

Rectangle

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



82.0350, 0.9687, 109.5943



98.3770, -48.4999, 62.8134



91.7170, 18.8735, -80.4358



98.0160, 55.7011, -85.9600

Sweetspot

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



82.0350, 0.9687, 109.5943



209.3670, 0.3121, 40.0201



76.3230, 64.4238, 56.7217



100.8550, 0.0715, 23.8062



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.



82.0350, 0.9687, 109.5943



86.3910, 1.2862, 147.8701



90.9470, -35.9629, 101.7785



97.7450, 0.1257, 6.3626



56.9580, 1.0067, 97.3838



13.8550, 0.0715, 23.8062

Inverse Universe

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



82.0350, 0.9687, 109.5943



86.3910, 1.2862, 147.8701



134.0530, 35.9629, -101.7785



97.7450, 0.1257, 6.3626



56.9580, 1.0067, 97.3838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 82.0350, 0.9687, 109.5943 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 82.0350, 0.9687, 109.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

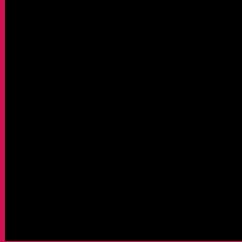
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0350, 0.9687, 109.5943

Background



This preview shows how black text looks on a background with the YUV color 82.0350, 0.9687, 109.5943.



This preview shows how white text looks on a background with the YUV color 82.0350, 0.9687, 109.5943.

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

82.0350, 0.9687, 109.5943

Protanopia

107.4110, 6.6994, -2.1144

Deuteranopia

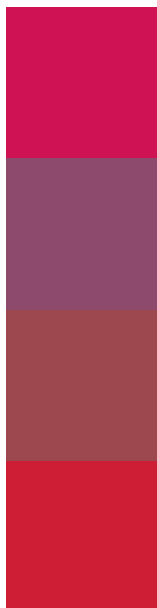
107.2830, -15.9155, 18.1688



Tritanopia

87.1180, -25.2012, 103.3825

Trichromacy



Original Color

82.0350, 0.9687, 109.5943

Protanomaly

98.2080, 4.8275, 38.4056

Deuteranomaly

98.0990, -9.9088, 51.6562

Tritanomaly

85.2460, -15.8973, 105.9013

Monochromacy



Original Color

82.0350, 0.9687, 109.5943

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0680, 0.4595, 39.4054

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0350, 0.9687, 109.5943 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(207, 18, 84)` looks like.

```
.text, #text, p{  
    color:rgb(207, 18, 84)  
}
```

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(207, 18, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 18, 84) }
```

Border

The CSS property to change the border of an element to YUV 82.0350, 0.9687, 109.5943 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(207, 18, 84) }
```


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

```
.border{ border-color:rgb(207, 18, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 18, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 18, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 18, 84);  
box-shadow:4px 4px 4px 4px rgb(207, 18,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 82.0350, 0.9687, 109.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 18, 84) }
```

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

```
.background{ background-color: rgb(207, 18,  
84) }
```

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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