

Converting Colors

YUV(100.5990, 2.1697, 97.6987)

Have a look what the booklet for
YUV(100.5990, 2.1697, 97.6987)
contains.

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Color

**YUV(100.5990, 2.1697,
97.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B69
RGB	212, 43, 105
RGB Percent	83%, 17%, 41%
CMY	0.1686, 0.8314, 0.5882
CMYK	0.00, 0.80, 0.50, 0.17
HSL	338°, 66%, 50%
HSV	338°, 80%, 83%
XYZ	30.5651, 16.7447, 14.9857
YIQ	100.5990, 80.8220, 55.1100

Conversions

Conversions Part 2

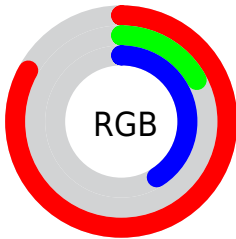
Format	Color
R_{YB}	212, 43, 105
Decimal	13904745
CIE _{Lab}	47.94, 66.97, 6.97
CIE _{LCh}	48, 67.329, 5.946
Yxy	16.7447, 0.4906, 0.2688
Android (android.graphics.Color)	4292094825 (0xFFD42B69)
YUV	100.5990, 2.1697, 97.6987
Hunter-Lab	40.9203, 61.7184, 6.9312

Details

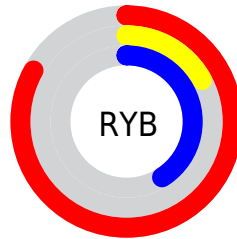
The YUV color **100.5990, 2.1697, 97.6987** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **154.4010, -2.1697, -97.6987**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2510, -0.1237, 86.6029**, and **51.7610, 3.0758, 87.0326** is the 20% darker color. If you saturate the color by 10%, you get **86.7900, 2.5685, 109.8092**, and if you desaturate by 10%, it is **114.4080, 1.7709, 85.5882**.

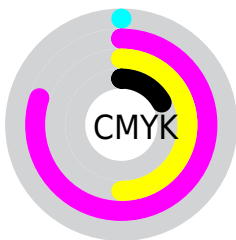
Distribution



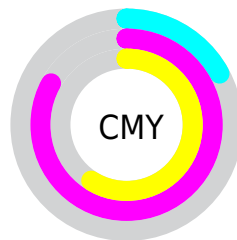
- Red (83%)
- Green (17%)
- Blue (41%)



- Red (83%)
- Yellow (17%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (50%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5990, 2.1697, 97.6987 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 100.5990, 2.1697, 97.6987 by changing the saturation by 10% instead.


 100.5990, 2.1697,
97.6987

 100.5990, 2.1697,
97.6987


255.0000, 0.0000,
0.0000

 63.3530, 8.7000,
103.1764


 156.2510, -0.1237,
86.6029


 51.7610, 3.0758,
87.0326


 176.3520, 3.2775,
68.9743


 40.3970, -1.6747,
70.6888


 196.4530, 6.6787,
51.3457

 29.0330, -6.4253,
54.3451

 216.6680, 10.5167,
33.6172

 19.4780, -8.1237,
39.0458

 236.2160, 9.2605,
16.4736

 8.4860, -3.6906,
17.1138

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 100.5990, 2.1697,
97.6987

■ 100.5990, 2.1697,
97.6987

■ 86.7900, 2.5685,
109.8092

■ 114.4080, 1.7709,
85.5882

■ 72.8670, 2.5306,
122.0196

■ 128.3310, 1.8088,
73.3777

■ 72.2800, 2.8200,
122.5344

■ 142.7270, 1.1206,
60.7524

■ 156.6500, 1.1585,
48.5419

■ 170.4590, 0.7597,
36.4315

■ 184.3820, 0.7977,
24.2210

■ 198.1910, 0.3988,
12.1105

■ 212.5870, -0.2894,
-0.5148

■ 226.5100, -0.2514,
-12.7253

Harmonies

Analogous

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



110.6720, 24.8117, 68.6937



100.5990, 2.1697, 97.6987



104.2640, -26.7522, 87.4685

Triad

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



100.5990, 2.1697, 97.6987



95.4570, -47.0603, -25.8338



102.3360, 57.0224, -89.7487

Complementary

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



100.5990, 2.1697, 97.6987



154.4010, -2.1697, -97.6987

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.



101.5260, 38.6877, -89.0383



100.5990, 2.1697, 97.6987



87.1280, -11.4021, -76.4113

Square

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



100.5990, 2.1697, 97.6987



105.7770, -52.1481, 19.4896



95.7290, 13.9376, -83.9543



94.6710, 65.7312, -83.0265

Rectangle

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



100.5990, 2.1697, 97.6987



105.7200, -48.6690, 70.4056



95.7290, 13.9376, -83.9543



102.9570, 51.7862, -90.2933

Sweetspot

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



100.5990, 2.1697, 97.6987



214.7470, 0.6177, 35.3019



93.3620, 58.4885, 47.0405



103.5450, 0.2243, 21.4470



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.



100.5990, 2.1697, 97.6987



93.5150, 3.1971, 141.6223



105.2710, -30.6996, 93.6013



99.7450, 0.1257, 6.3626



58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Inverse Universe

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



100.5990, 2.1697, 97.6987



93.5150, 3.1971, 141.6223



149.7290, 30.6996, -93.6013



99.7450, 0.1257, 6.3626



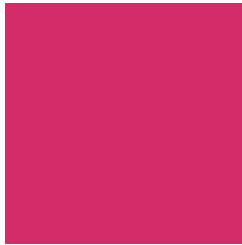
58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 100.5990, 2.1697, 97.6987 looks on a white background.

Color Contrast Check

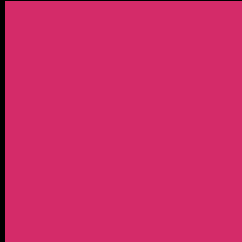
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5990, 2.1697, 97.6987 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 100.5990, 2.1697, 97.6987

Background



This preview shows how black text looks on a background with the YUV color 100.5990, 2.1697, 97.6987.



This preview shows how white text looks on a background with the YUV color 100.5990, 2.1697,

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

100.5990, 2.1697, 97.6987

Protanopia

114.6260, 13.9884, -6.6880

Deuteranopia

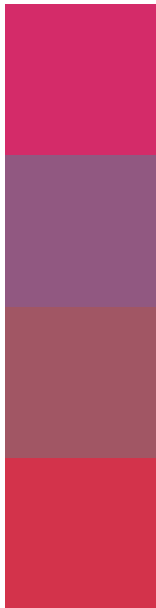
115.0960, -8.9213, 14.8248



Tritanopia

102.2740, -21.8271, 94.4757

Trichromacy



Original Color

100.5990, 2.1697, 97.6987

Protanomaly

109.7170, 9.5065, 30.9432

Deuteranomaly

110.0210, -4.9404, 44.7086

Tritanomaly

101.5760, -13.1020, 95.9648

Monochromacy



Original Color

100.5990, 2.1697, 97.6987

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7470, 0.6177, 35.3019

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5990, 2.1697, 97.6987 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(212, 43, 105)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 105)  
}
```

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(212, 43, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 105) }
```

Border

The CSS property to change the border of an element to YUV 100.5990, 2.1697, 97.6987 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(212, 43, 105) }
```


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

```
.border{ border-color:rgb(212, 43, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 105);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 100.5990, 2.1697, 97.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 105) }
```

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

```
.background{ background-color: rgb(212, 43,  
105) }
```

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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