

Converting Colors

YUV(102.5880, 2.1751, 95.9543)

Have a look what the booklet for
YUV(102.5880, 2.1751, 95.9543)
contains.

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Color

**YUV(102.5880, 2.1751,
95.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	D42E6B
RGB	212, 46, 107
RGB Percent	83%, 18%, 42%
CMY	0.1686, 0.8196, 0.5804
CMYK	0.00, 0.78, 0.50, 0.17
HSL	338°, 66%, 51%
HSV	338°, 78%, 83%
XYZ	30.7822, 17.0126, 15.5713
YIQ	102.5880, 79.3550, 54.1630

Conversions

Conversions Part 2

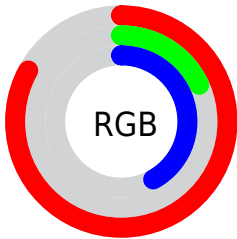
Format	Color
RYB	212, 46, 107
Decimal	13905515
CIELab	48.28, 66.31, 6.23
CIElCh	48, 66.607, 5.369
Yxy	17.0126, 0.4858, 0.2685
Android (android.graphics.Color)	4292095595 (0xFFD42E6B)
YUV	102.5880, 2.1751, 95.9543
Hunter-Lab	41.2463, 61.0339, 6.4893

Details

The YUV color **102.5880, 2.1751, 95.9543** 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 **155.4120, -2.1751, -95.9543**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6530, 0.1711, 85.3733**, and **51.9890, 3.9494, 86.8326** is the 20% darker color. If you saturate the color by 10%, you get **88.7790, 2.5740, 108.0648**, and if you desaturate by 10%, it is **116.3970, 1.7763, 83.8438**.

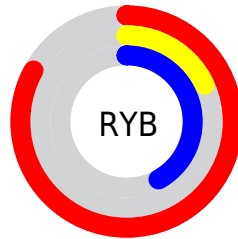
Distribution



Red (83%)

Green (18%)

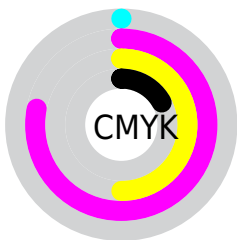
Blue (42%)



Red (83%)

Yellow (18%)

Blue (42%)

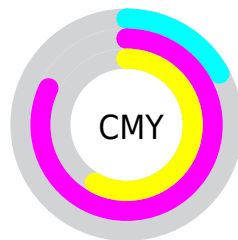


Cyan (0%)

Magenta (78%)

Yellow (50%)

Black (17%)



Cyan (17%)

Magenta (82%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5880, 2.1751, 95.9543 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 102.5880, 2.1751, 95.9543 by changing the saturation by 10% instead.

■ 102.5880, 2.1751,
95.9543

■ 102.5880, 2.1751,
95.9543

255.0000, 0.0000,
0.0000

■ 63.5810, 9.5736,
102.9765

■ 157.6530, 0.1711,
85.3733

■ 51.9890, 3.9494,
86.8326

■ 177.7540, 3.5723,
67.7447

■ 40.6250, -0.8011,
70.4889

■ 197.9690, 7.4103,
50.0162

■ 29.5600, -5.6991,
54.7599

■ 218.1840, 11.2483,
32.2876

■ 19.4780, -8.1237,
39.0458

■ 237.3900, 8.6817,
15.4440

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,

0.0000

■ 102.5880, 2.1751,
95.9543

■ 102.5880, 2.1751,
95.9543

■ 88.7790, 2.5740,
108.0648

■ 116.3970, 1.7763,
83.8438

■ 74.8560, 2.5360,
120.2753

■ 130.3200, 1.8142,
71.6334

■ 72.2800, 2.8200,
122.5344

■ 144.7160, 1.1260,
59.0081

■ 158.6390, 1.1640,
46.7976

■ 172.4480, 0.7651,
34.6871

■ 186.2570, 0.3663,
22.5766

■ 200.1800, 0.4043,
10.3661

■ 214.5760, -0.2840,
-2.2592

■ 228.4990, -0.2460,
-14.4696

Harmonies

Analogous

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



112.6610, 24.8171, 66.9493



102.5880, 2.1751, 95.9543



105.4920, -25.8786, 87.2685

Triad

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



102.5880, 2.1751, 95.9543



96.6530, -47.6499, -23.3747



102.8090, 56.2962, -90.1635

Complementary

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



102.5880, 2.1751, 95.9543



155.4120, -2.1751, -95.9543

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.



101.9990, 37.9615, -89.4531



102.5880, 2.1751, 95.9543



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.



102.5880, 2.1751, 95.9543



106.9620, -52.7323, 20.2043



95.7290, 13.9376, -83.9543



95.8450, 65.1524, -84.0561

Rectangle

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



102.5880, 2.1751, 95.9543



107.1760, -46.9218, 70.0056



95.7290, 13.9376, -83.9543



102.8430, 51.3494, -90.1933

Sweetspot

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



102.5880, 2.1751, 95.9543



216.1490, 0.9125, 34.0723



95.4220, 57.4730, 46.1109



104.2460, 0.3717, 20.8323



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.



102.5880, 2.1751, 95.9543



96.7920, 3.0605, 138.7484



106.7870, -29.9680, 92.2718



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.



102.5880, 2.1751, 95.9543



96.7920, 3.0605, 138.7484



151.2130, 29.9680, -92.2718



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 102.5880, 2.1751, 95.9543 looks on a white background.

Color Contrast Check

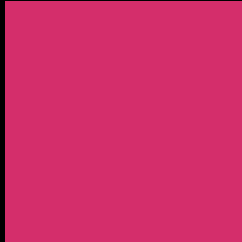
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5880, 2.1751, 95.9543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

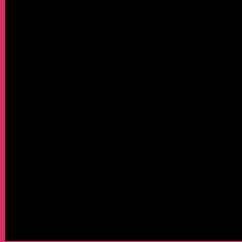
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5880, 2.1751, 95.9543

Background



This preview shows how black text looks on a background with the YUV color 102.5880, 2.1751, 95.9543.



This preview shows how white text looks on a background with the YUV color 102.5880, 2.1751,

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

102.5880, 2.1751, 95.9543

Protanopia

115.7400, 14.4252, -6.7880

Deuteranopia

115.9110, -8.3371, 14.1101



Tritanopia

103.7900, -21.0955, 93.1462

Trichromacy



Original Color

102.5880, 2.1751, 95.9543

Protanomaly

110.8310, 9.9433, 30.8432

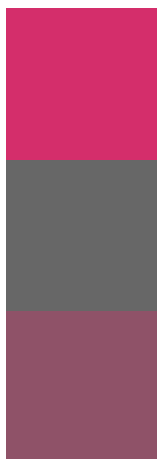
Deuteranomaly

110.8360, -4.3561, 43.9938

Tritanomaly

103.6790, -12.6597, 94.1205

Monochromacy



Original Color

102.5880, 2.1751, 95.9543

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7470, 0.6177, 35.3019

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5880, 2.1751, 95.9543 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, 46, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 46, 107)  
}
```

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, 46, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 46, 107) }
```

Border

The CSS property to change the border of an element to YUV 102.5880, 2.1751, 95.9543 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, 46, 107) }
```


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

```
.border{ border-color:rgb(212, 46, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 46, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 46, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 46, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 46,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 102.5880, 2.1751, 95.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 46, 107) }
```

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

```
.background{ background-color: rgb(212, 46,  
107) }
```

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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