

Converting Colors

YUV(105.9020, 5.9643, 93.9249)

Have a look what the booklet for
YUV(105.9020, 5.9643, 93.9249)
contains.

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Color

**YUV(105.9020, 5.9643,
93.9249)**

Conversions

Conversions Part 1	
Format	Color
Hex	D53176
RGB	213, 49, 118
RGB Percent	84%, 19%, 46%
CMY	0.1647, 0.8078, 0.5373
CMYK	0.00, 0.77, 0.45, 0.16
HSL	335°, 66%, 51%
HSV	335°, 77%, 84%
XYZ	31.8089, 17.6508, 18.8700
YIQ	105.9020, 75.5950, 56.2270

Conversions

Conversions Part 2

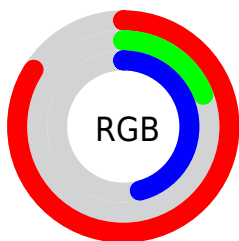
Format	Color
RYB	213, 49, 118
Decimal	13971830
CIELab	49.07, 66.67, 0.68
CIELCh	49, 66.672, 0.587
Yxy	17.6508, 0.4655, 0.2583
Android (android.graphics.Color)	4292161910 (0xFFD53176)
YUV	105.9020, 5.9643, 93.9249
Hunter-Lab	42.0128, 61.6242, 2.7790

Details

The YUV color **105.9020, 5.9643, 93.9249** 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 **156.0980, -5.9643, -93.9249**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7820, 4.5445, 82.6292**, and **53.7270, 8.0226, 87.0624** is the 20% darker color. If you saturate the color by 10%, you get **92.2070, 6.7999, 105.9355**, and if you desaturate by 10%, it is **119.5970, 5.1287, 81.9144**.

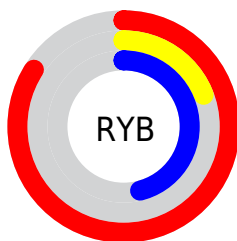
Distribution



Red (84%)

Green (19%)

Blue (46%)



Red (84%)

Yellow (19%)

Blue (46%)

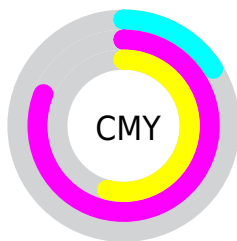


Cyan (0%)

Magenta (77%)

Yellow (45%)

Black (16%)



Cyan (16%)


Magenta (81%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.9020, 5.9643, 93.9249 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 105.9020, 5.9643, 93.9249 by changing the saturation by 10% instead.

 105.9020, 5.9643,
93.9249

 105.9020, 5.9643,
93.9249

255.0000, 0.0000,
0.0000


 65.3190, 13.6467,
103.2062


 160.7820, 4.5445,
82.6292


 53.7270, 8.0226,
87.0624


 180.8830, 7.9457,
65.0006

 42.2490, 2.8352,
70.8186


 200.5110, 12.0731,
47.7869

 31.1840, -2.0627,
55.0896

 221.4270, 16.0585,
29.4435

 20.3750, -8.5659,
40.8901

 238.5640, 8.1029,
14.4144

 9.9810, -4.4276,
20.1877

 0.0000, 0.0000,

0.0000

■ 105.9020, 5.9643,
93.9249

■ 105.9020, 5.9643,
93.9249

■ 92.2070, 6.7999,
105.9355

■ 119.5970, 5.1287,
81.9144

■ 77.8110, 7.4882,
118.5608

■ 133.9930, 4.4405,
69.2891


■ 73.9470, 7.9141,
121.9495


■ 147.6880, 3.6048,
57.2786

■ 161.3830, 2.7692,
45.2681

■ 175.7790, 2.0810,
32.6428

■ 189.4740, 1.2453,
20.6323

 203.1690, 0.4097,
8.6218

 216.9780, 0.0108,
-3.4887

 231.2600, -1.1142,
-16.0140

Harmonies

Analogous

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



116.4150, 27.8964, 59.2720



105.9020, 5.9643, 93.9249



106.9530, -21.6688, 90.3722

Triad

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



105.9020, 5.9643, 93.9249



101.1270, -49.8556, -15.8974



104.3420, 54.5544, -91.5079

Complementary

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



105.9020, 5.9643, 93.9249



156.0980, -5.9643, -93.9249

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.



102.4890, 34.7619, -89.8829



105.9020, 5.9643, 93.9249



87.5040, -15.0385, -76.7410

Square

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



105.9020, 5.9643, 93.9249



109.3650, -53.9169, 26.8669



95.9910, 9.8644, -84.1841



98.5350, 65.3052, -86.4152

Rectangle

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



105.9020, 5.9643, 93.9249



109.1040, -40.9703, 74.4538



95.9910, 9.8644, -84.1841



104.8490, 48.8814, -91.9526

Sweetspot

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



105.9020, 5.9643, 93.9249



216.4910, 2.2229, 33.7724



95.5030, 57.9260, 40.7779



104.4740, 1.2453, 20.6323



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.



105.9020, 5.9643, 93.9249



101.5510, 8.6024, 134.5748



104.4930, -27.3580, 95.1606



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Inverse Universe

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



105.9020, 5.9643, 93.9249



101.5510, 8.6024, 134.5748



157.5070, 27.3580, -95.1606



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 105.9020, 5.9643, 93.9249 looks on a white background.

Color Contrast Check

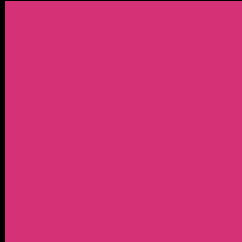
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.9020, 5.9643, 93.9249 looks on a black 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

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

YUV 105.9020, 5.9643, 93.9249

Background



This preview shows how black text looks on a background with the YUV color 105.9020, 5.9643, 93.9249.



This preview shows how white text looks on a background with the YUV color 105.9020, 5.9643,

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

105.9020, 5.9643, 93.9249

Protanopia

117.4990, 19.9670, -10.9616

Deuteranopia

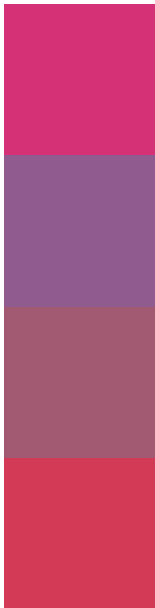
118.0400, -3.9637, 11.3659



Tritanopia

107.2950, -20.3584, 90.0723

Trichromacy



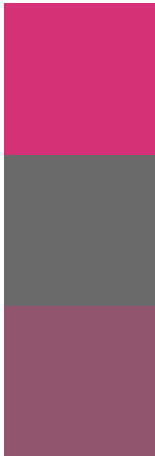
Original Color
105.9020, 5.9643, 93.9249

Protanomaly
113.3620, 14.6115, 26.8695

Deuteranomaly
113.8510, -0.4195, 41.3497

Tritanomaly
106.8250, -10.7597, 91.3615

Monochromacy



Original Color
105.9020, 5.9643, 93.9249

Achromatopsia
106.0000, 0.0000, 0.0000

Achromatomaly
105.7900, 2.0755, 34.3872

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9020, 5.9643, 93.9249 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(213, 49, 118)` looks like.

```
.text, #text, p{  
    color:rgb(213, 49, 118)  
}
```

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(213, 49, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 49, 118) }
```

Border

The CSS property to change the border of an element to YUV 105.9020, 5.9643, 93.9249 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(213, 49, 118) }
```


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

```
.border{ border-color:rgb(213, 49, 118) }
```

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

Here you see how a box with a 4 pixel rgb(213, 49, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 49, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 49, 118);  
box-shadow:4px 4px 4px 4px rgb(213, 49,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 105.9020, 5.9643, 93.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 49, 118) }
```

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

```
.background{ background-color: rgb(213, 49,  
118) }
```

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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