

# Converting Colors

YUV(100.6630, 8.5471,  
105.5355)

Have a look what the booklet for  
YUV(100.6630, 8.5471, 105.5355)  
contains.

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# Color

**YUV(100.6630, 8.5471,  
105.5355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD2476
RGB	221, 36, 118
RGB Percent	87%, 14%, 46%
CMY	0.1333, 0.8588, 0.5373
CMYK	0.00, 0.84, 0.47, 0.13
HSL	333°, 73%, 50%
HSV	333°, 84%, 87%
XYZ	33.7197, 17.9419, 18.8254
YIQ	100.6630, 83.9380, 64.7220

# Conversions

## Conversions Part 2

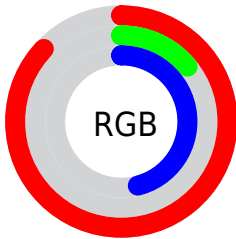
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 36, 118
Decimal	14492790
CIE <sub>Lab</sub>	49.43, 71.95, 1.38
CIE <sub>LCh</sub>	49, 71.964, 1.102
Yxy	17.9419, 0.4784, 0.2545
Android (android.graphics.Color)	4292682870 (0xFFDD2476)
YUV	100.6630, 8.5471, 105.5355
Hunter-Lab	42.3579, 67.9715, 3.2998

# Details

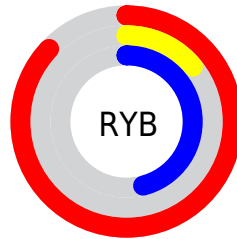
The YUV color **100.6630, 8.5471, 105.5355** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **156.3370, -8.5471, -105.5355**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6730, 6.5702, 86.2328**, and **55.8200, 6.9907, 91.3659** is the 20% darker color. If you saturate the color by 10%, you get **86.3810, 9.6722, 118.0609**, and if you desaturate by 10%, it is **114.9450, 7.4221, 93.0102**.

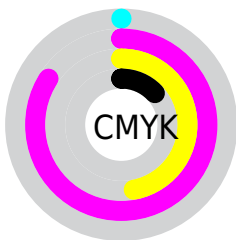
# Distribution



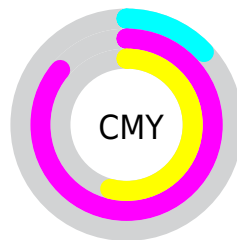
- Red (87%)
- Green (14%)
- Blue (46%)



- Red (87%)
- Yellow (14%)
- Blue (46%)



- Cyan (0%)
- Magenta (84%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (86%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.6630, 8.5471, 105.5355 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 100.6630, 8.5471, 105.5355 by changing the saturation by 10% instead.




 100.6630, 8.5471,  
105.5355


 100.6630, 8.5471,  
105.5355

255.0000, 0.0000,  
0.0000

 67.4120, 12.6149,  
107.5097


 156.6730, 6.5702,  
86.2328


 55.8200, 6.9907,  
91.3659


 177.3610, 9.6820,  
68.0894


 44.0430, 1.9508,  
74.5073


 197.5760, 13.5200,  
50.3608

 32.7930, -2.3629,  
58.0635

 218.4920, 17.5054,  
32.0175

 21.9840, -8.8661,  
43.8640

 235.6290, 9.5499,  
16.9884

 12.0740, -5.4595,  
24.4911

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 100.6630, 8.5471,  
105.5355

■ 100.6630, 8.5471,  
105.5355

■ 86.3810, 9.6722,  
118.0609

■ 114.9450, 7.4221,  
93.0102

■ 77.2510, 10.2293,  
126.0679

■ 129.3410, 6.7339,  
80.3849

■ 143.6230, 5.6089,  
67.8596

■ 157.9050, 4.4838,  
55.3343

■ 172.8880, 3.5062,  
42.1942

■ 187.1700, 2.3812,  
29.6689

■ 201.4520, 1.2562,  
17.1436

■ 215.7340, 0.1311,  
4.6183

■ 230.1300, -0.5571,  
-8.0070

# Harmonies

## Analogous

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



115.5560, 30.7849, 66.1644



100.6630, 8.5471, 105.5355



104.3670, -22.8589, 98.7791

# Triad

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



100.6630, 8.5471, 105.5355



100.8060, -49.6974, -20.0009



106.6560, 58.3436, -93.5373

# Complementary

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



100.6630, 8.5471, 105.5355



156.3370, -8.5471, -105.5355

# 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.



104.3470, 36.8039, -91.5123



100.6630, 8.5471, 105.5355



88.2220, -17.3644, -77.3707

# Square

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



100.6630, 8.5471, 105.5355



109.9520, -54.2063, 26.3521



97.3930, 10.1593, -85.4137



100.8490, 69.0944, -88.4446



# Rectangle

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



100.6630, 8.5471, 105.5355



108.4700, -46.0807, 80.2718



97.3930, 10.1593, -85.4137



106.9350, 51.7970, -93.7820

# Sweetspot

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



100.6630, 8.5471, 105.5355



213.4420, 3.2331, 36.4464



87.5880, 65.7721, 44.2113



102.5990, 1.6767, 22.2767



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.



100.6630, 8.5471, 105.5355



89.1270, 11.7694, 145.4706



96.5980, -29.8748, 109.1006



102.8590, 0.5625, 6.2627



60.5050, 8.1320, 98.6581



16.0340, 1.9552, 26.2802



# Inverse Universe

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



100.6630, 8.5471, 105.5355



89.1270, 11.7694, 145.4706



160.4020, 29.8748, -109.1006



102.8590, 0.5625, 6.2627



60.5050, 8.1320, 98.6581



16.0340, 1.9552, 26.2802



# Previews

## White Background



This preview shows how the YUV color 100.6630, 8.5471, 105.5355 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 100.6630, 8.5471, 105.5355 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 100.6630, 8.5471, 105.5355

## Background



This preview shows how black text looks on a background with the YUV color 100.6630, 8.5471, 105.5355.



This preview shows how white text looks on a background with the YUV color 100.6630, 8.5471,



# 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

100.6630, 8.5471, 105.5355

### Protanopia

118.4710, 22.4458, -12.6911

### Deuteranopia

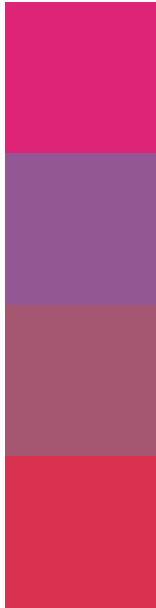
119.1110, -4.9847, 12.1807



## Tritanopia

104.6660, -23.0063, 99.3939

# Trichromacy



## Original Color

100.6630, 8.5471, 105.5355

## Protanomaly

112.3670, 17.0741, 30.3731

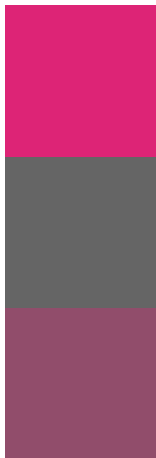
## Deuteranomaly

112.5850, -0.2884, 45.9680

## Tritanomaly

103.3640, -11.5185, 101.4128

# Monochromacy



## Original Color

100.6630, 8.5471, 105.5355

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.7520, 3.0803, 38.8055

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.6630, 8.5471, 105.5355 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(221, 36, 118)` looks like.

```
.text, #text, p{  
    color:rgb(221, 36, 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(221, 36, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 36, 118) }
```

## Border

The CSS property to change the border of an element to YUV 100.6630, 8.5471, 105.5355 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(221, 36, 118) }
```



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

```
.border{ border-color:rgb(221, 36, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 36, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 36, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 36, 118);  
box-shadow:4px 4px 4px 4px rgb(221, 36,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 100.6630, 8.5471, 105.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 36, 118) }
```

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

```
.background{ background-color: rgb(221, 36,  
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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