

Converting Colors

YUV(104.8550, 57.7525,
96.5972)

Have a look what the booklet for
YUV(104.8550, 57.7525, 96.5972)
contains.

YUV(104.8550, 57.7525, 96.5972)	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(104.8550, 57.7525,
96.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	D71ADE
RGB	215, 26, 222
RGB Percent	84%, 10%, 87%
CMY	0.1569, 0.8980, 0.1294
CMYK	0.03, 0.88, 0.00, 0.13
HSL	298°, 79%, 49%
HSV	298°, 88%, 87%
XYZ	41.5785, 20.4598, 70.8649
YIQ	104.8550, 49.7280, 101.0240

Conversions

Conversions Part 2

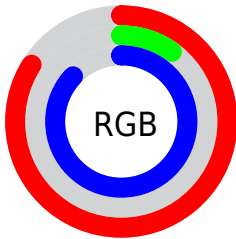
Format	Color
R _Y B	215, 26, 222
Decimal	14097118
CIE Lab	52.35, 84.93, -55.47
CIE LCh	52, 101.444, 326.851
Yxy	20.4598, 0.3128, 0.1539
Android (android.graphics.Color)	4292287198 (0xFFD71ADE)
YUV	104.8550, 57.7525, 96.5972
Hunter-Lab	45.2325, 84.9236, -61.2258

Details

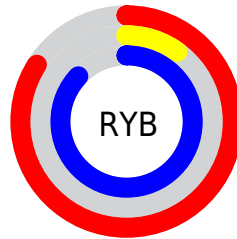
The YUV color **104.8550, 57.7525, 96.5972** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **143.1450, -57.7525, -96.5972**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **65.2690, 49.6604, 78.6941** is the 20% darker color. If you saturate the color by 10%, you get **91.6420, 64.2665, 107.3080**, and if you desaturate by 10%, it is **118.0680, 51.2385, 85.8864**.

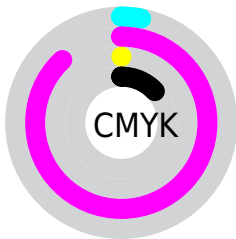
Distribution



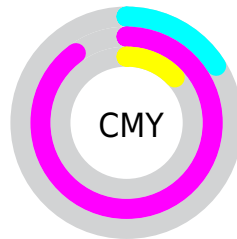
- Red (84%)
- Green (10%)
- Blue (87%)



- Red (84%)
- Yellow (10%)
- Blue (87%)



- Cyan (3%)
- Magenta (88%)
- Yellow (0%)
- Black (13%)




- Cyan (16%)
- Magenta (90%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.8550, 57.7525, 96.5972 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 104.8550, 57.7525, 96.5972 by changing the saturation by 10% instead.


 104.8550, 57.7525,
96.5972


 104.8550, 57.7525,
96.5972


255.0000, 0.0000,
0.0000


 77.4310, 57.4685,
94.3380


 165.7760, 43.9874,
78.2494


 65.2690, 49.6604,
78.6941


 183.9730, 35.0163,
62.2907

 53.5200, 42.1416,
63.5650


 201.5830, 26.3346,
46.8467

 41.8850, 35.0597,
48.3359

 219.1930, 17.6529,
31.4027

 30.6630, 28.2671,
33.6215

 236.8030, 8.9711,
15.9588

 18.8430, 21.7694,
17.6777

 4.5600, 17.4719,

-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 104.8550, 57.7525,
96.5972

■ 104.8550, 57.7525,
96.5972

■ 91.6420, 64.2665,
107.3080

■ 118.0680, 51.2385,
85.8864

■ 89.2940, 65.4241,
109.3672

■ 131.2810, 44.7245,
75.1756

■ 144.7820, 38.0685,
63.3352

■ 157.9950, 31.5545,
52.6244

■ 171.2080, 25.0405,
41.9136

■ 184.4210, 18.5264,
31.2028

■ 197.6340, 12.0124,
20.4920

■ 211.1350, 5.3564,
8.6516

■ 224.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



108.9330, 72.0110, -43.7912



104.8550, 57.7525, 96.5972



91.9770, 22.6893, 142.9712

Triad

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



104.8550, 57.7525, 96.5972



117.6930, -58.0226, 37.1032



116.3610, 42.2200, -102.0486

Complementary

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



104.8550, 57.7525, 96.5972



143.1450, -57.7525, -96.5972

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.



105.0410, 3.9238, -92.1210



104.8550, 57.7525, 96.5972



104.8820, -51.7068, -28.8375

Square

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



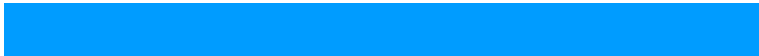
104.8550, 57.7525, 96.5972



110.1150, -54.2867, 99.0001



89.8110, -44.2768, -78.7642



120.6420, 66.2385, -105.8030

Rectangle

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



104.8550, 57.7525, 96.5972



85.4790, -2.2081, 148.6699



89.8110, -44.2768, -78.7642



113.1690, 29.9897, -99.2492

Sweetspot

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



104.8550, 57.7525, 96.5972



215.6600, 19.3946, 32.7472



54.2140, 82.7185, -24.7437



103.9220, 11.8705, 19.3624



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.



104.8550, 57.7525, 96.5972



102.6240, 75.1214, 125.7408



96.9160, 18.2824, 109.6987



105.5430, 3.1833, 5.6628



70.8940, 51.8173, 86.9160



19.5250, 14.0382, 24.0956

Inverse Universe

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



85.4020, -25.8342, 119.7964



77.2710, -33.6576, 155.8683



151.0840, -18.2824, -109.6987



104.2890, -1.6215, 6.7625



53.3080, -23.3228, 107.6009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 104.8550, 57.7525, 96.5972 looks on a white background.

Color Contrast Check

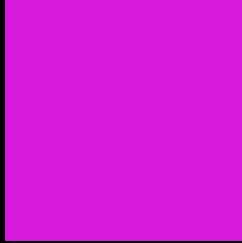
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.8550, 57.7525, 96.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

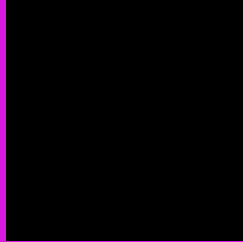
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.8550, 57.7525, 96.5972

Background



This preview shows how black text looks on a background with the YUV color 104.8550, 57.7525, 96.5972.



This preview shows how white text looks on a background with the YUV color 104.8550, 57.7525,

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

104.8550, 57.7525, 96.5972

Protanopia

105.7780, 73.5664, -76.1043

Deuteranopia

118.7180, 44.5090, -42.7257



Tritanopia

123.1720, -13.8888, 68.2552

Trichromacy



Original Color

104.8550, 57.7525, 96.5972



Protanomaly

105.0940, 67.9877, -13.2374



Deuteranomaly

114.0030, 49.2985, 7.8904



Tritanomaly

116.4100, 12.1229, 78.5704

Monochromacy



Original Color

104.8550, 57.7525, 96.5972



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.8390, 21.2784, 35.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8550, 57.7525, 96.5972 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(215, 26, 222)` looks like.

```
.text, #text, p{  
    color:rgb(215, 26, 222)  
}
```

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(215, 26, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 26, 222) }
```

Border

The CSS property to change the border of an element to YUV 104.8550, 57.7525, 96.5972 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(215, 26, 222) }
```


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

```
.border{ border-color:rgb(215, 26, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 26, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 26, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 26, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 26,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 104.8550, 57.7525, 96.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 26, 222) }
```

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

```
.background{ background-color: rgb(215, 26,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor