

Converting Colors

YUV(105.7420, -4.8028,
94.0653)

Have a look what the booklet for
YUV(105.7420, -4.8028, 94.0653)
contains.

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Color

**YUV(105.7420, -4.8028,
94.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	D53560
RGB	213, 53, 96
RGB Percent	84%, 21%, 38%
CMY	0.1647, 0.7922, 0.6235
CMYK	0.00, 0.75, 0.55, 0.16
HSL	344°, 66%, 52%
HSV	344°, 75%, 84%
XYZ	30.8250, 17.5369, 12.8266
YIQ	105.7420, 81.5570, 47.2930

Conversions

Conversions Part 2

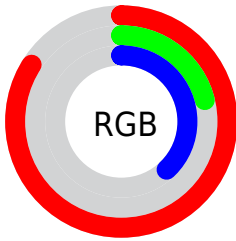
Format	Color
RYB	213, 53, 96
Decimal	13972832
CIELab	48.93, 63.66, 13.90
CIElCh	49, 65.157, 12.322
Yxy	17.5369, 0.5038, 0.2866
Android (android.graphics.Color)	4292162912 (0xFFD53560)
YUV	105.7420, -4.8028, 94.0653
Hunter-Lab	41.8770, 58.1061, 11.1538

Details

The YUV color **105.7420, -4.8028, 94.0653** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **160.2580, 4.8028, -94.0653**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2200, -6.5175, 83.9991**, and **51.1480, -0.5660, 88.4472** is the 20% darker color. If you saturate the color by 10%, you get **91.5910, -5.7144, 106.4757**, and if you desaturate by 10%, it is **119.8930, -3.8912, 81.6548**.

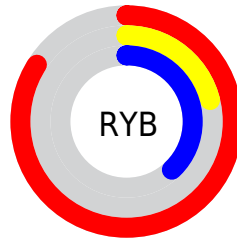
Distribution



Red (84%)

Green (21%)

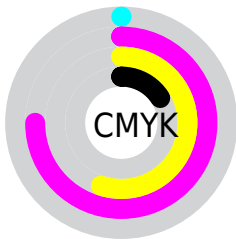
Blue (38%)



Red (84%)

Yellow (21%)

Blue (38%)

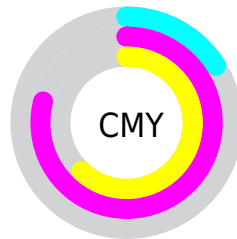


Cyan (0%)

Magenta (75%)

Yellow (55%)

Black (16%)



Cyan (16%)

Magenta (79%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7420, -4.8028, 94.0653 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 105.7420, -4.8028, 94.0653 by changing the saturation by 10% instead.


 105.7420, -4.8028,
94.0653

 105.7420, -4.8028,
94.0653


255.0000, 0.0000,
0.0000

 67.4360, 2.7431,
100.4726


 159.2200, -6.5175,
83.9991


 51.1480, -0.5660,
88.4472


 178.7340, -2.8269,
66.8853

 39.8980, -4.8797,
72.0035


 198.8350, 0.5743,
49.2567

 27.9640, -11.8143,
56.1596

 219.0500, 4.4124,
31.5282

 19.4780, -8.1237,
39.0458

 239.7380, 7.5242,
13.3848

 8.7850, -3.8380,
17.7286

 0.0000, 0.0000,

0.0000

■ 105.7420, -4.8028,
94.0653

■ 105.7420, -4.8028,
94.0653

■ 91.5910, -5.7144,
106.4757

■ 119.8930, -3.8912,
81.6548

■ 76.9670, -5.8997,
119.3009

■ 134.5170, -3.7059,
68.8296

■ 70.1850, -6.5002,
125.2488

■ 148.6680, -2.7943,
56.4192

■ 162.7050, -2.3196,
44.1087

■ 177.4430, -1.6974,
31.1835

■ 191.4800, -1.2226,
18.8730

■ 205.6310, -0.3111,
6.4626

■ 219.7820, 0.6005,
-5.9478

■ 234.4060, 0.7858,
-18.7731

Harmonies

Analogous

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



111.9240, 19.2645, 74.6117



105.7420, -4.8028, 94.0653



108.7270, -32.4034, 80.0464

Triad

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



105.7420, -4.8028, 94.0653



96.4970, -37.7130, -37.2699



102.7920, 58.7695, -90.1486

Complementary

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



105.7420, -4.8028, 94.0653



160.2580, 4.8028, -94.0653

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.



103.2530, 42.7663, -90.5529



105.7420, -4.8028, 94.0653



90.7130, -5.2815, -79.5553

Square

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



105.7420, -4.8028, 94.0653



106.9070, -52.7052, 11.4826



98.4990, 19.4740, -86.3836



93.1550, 64.9996, -81.6969

Rectangle

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



105.7420, -4.8028, 94.0653



108.4110, -53.4466, 62.7836



98.4990, 19.4740, -86.3836



103.6410, 54.4070, -90.8932

Sweetspot

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



105.7420, -4.8028, 94.0653



215.4650, -1.7082, 34.6722



105.6250, 52.9359, 54.7029



103.7900, -1.3755, 21.2322



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.



105.7420, -4.8028, 94.0653



100.8380, -6.8221, 135.2001



121.3850, -33.7138, 80.3464



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Inverse Universe

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



105.7420, -4.8028, 94.0653



100.8380, -6.8221, 135.2001



144.6150, 33.7138, -80.3464



99.6310, -0.3111, 6.4626



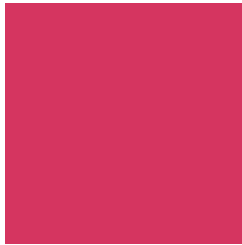
56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 105.7420, -4.8028, 94.0653 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 105.7420, -4.8028, 94.0653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

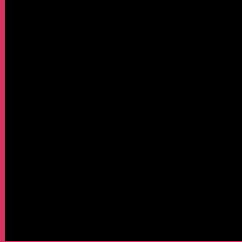
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.7420, -4.8028, 94.0653

Background



This preview shows how black text looks on a background with the YUV color 105.7420, -4.8028, 94.0653.



This preview shows how white text looks on a background with the YUV color 105.7420, -4.8028,

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

105.7420, -4.8028, 94.0653

Protanopia

117.3680, 5.2416, -1.1997

Deuteranopia

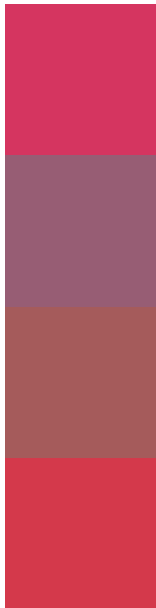
117.0380, -14.3157, 18.3837



Tritanopia

105.4910, -20.9481, 92.5314

Trichromacy



Original Color

105.7420, -4.8028, 94.0653

Protanomaly

112.9640, 1.4967, 33.3576

Deuteranomaly

113.1260, -10.9081, 45.4935

Tritanomaly

105.3970, -14.9857, 93.4908

Monochromacy



Original Color

105.7420, -4.8028, 94.0653

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0520, -1.9976, 34.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7420, -4.8028, 94.0653 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, 53, 96)` looks like.

```
.text, #text, p{  
    color:rgb(213, 53, 96)  
}
```

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, 53, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 53, 96) }
```

Border

The CSS property to change the border of an element to YUV 105.7420, -4.8028, 94.0653 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, 53, 96) }
```


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

```
.border{ border-color:rgb(213, 53, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 53, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 53, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 53, 96);  
box-shadow:4px 4px 4px 4px rgb(213, 53,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 105.7420, -4.8028, 94.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 53, 96) }
```

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

```
.background{ background-color: rgb(213, 53,  
96) }
```

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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