

Converting Colors

YUV(120.7660, 2.0874, 77.3812)

Have a look what the booklet for
YUV(120.7660, 2.0874, 77.3812)
contains.

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Color

**YUV(120.7660, 2.0874,
77.3812)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D14B7D |
| RGB | 209, 75, 125 |
| RGB Percent | 82%, 29%, 49% |
| CMY | 0.1804, 0.7059, 0.5098 |
| CMYK | 0.00, 0.64, 0.40, 0.18 |
| HSL | 338°, 59%, 56% |
| HSV | 338°, 64%, 82% |
| XYZ | 32.5122, 20.0681, 21.5620 |
| YIQ | 120.7660, 63.8140, 43.9580 |

Conversions

Conversions Part 2

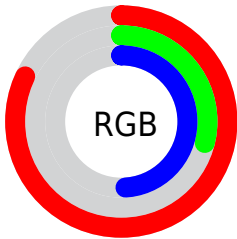
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 209, 75, 125 |
| Decimal | 13716349 |
| CIE _{Lab} | 51.91, 56.95, 0.52 |
| CIE _{LCh} | 52, 56.951, 0.521 |
| Yxy | 20.0681, 0.4385, 0.2707 |
| Android (android.graphics.Color) | 4291906429 (0xFFD14B7D) |
| YUV | 120.7660, 2.0874, 77.3812 |
| Hunter-Lab | 44.7975, 51.1527, 2.8207 |

Details

The YUV color **120.7660, 2.0874, 77.3812** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **163.2340, -2.0874, -77.3812**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3200, 1.8142, 71.6334**, and **54.6880, 10.5068, 83.5886** is the 20% darker color. If you saturate the color by 10%, you get **106.9570, 2.4862, 89.4917**, and if you desaturate by 10%, it is **134.5750, 1.6885, 65.2707**.

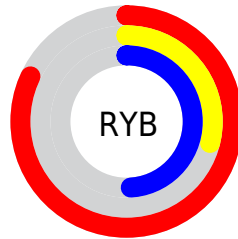
Distribution



Red (82%)

Green (29%)

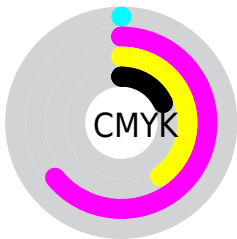
Blue (49%)



Red (82%)

Yellow (29%)

Blue (49%)

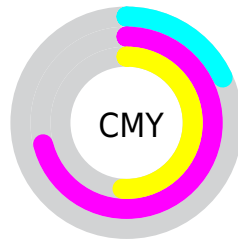


Cyan (0%)

Magenta (64%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (71%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7660, 2.0874, 77.3812 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 120.7660, 2.0874, 77.3812 by changing the saturation by 10% instead.


 120.7660, 2.0874,
77.3812


 120.7660, 2.0874,
77.3812


255.0000, 0.0000,
0.0000


 91.3360, 4.2714,
76.8813

 173.3200, 1.8142,
71.6334


 54.6880, 10.5068,
83.5886

 192.9480, 5.9416,
54.4196


 42.3350, 5.7508,
68.9892


 212.5760, 10.0690,
37.2058

 31.5690, 0.7055,
53.8750

 232.1070, 11.2862,
20.0772

 20.7600, -5.7977,
39.6755

 249.1300, 2.8939,
5.1480

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 120.7660, 2.0874,
77.3812

■ 120.7660, 2.0874,
77.3812

■ 106.9570, 2.4862,
89.4917

■ 134.5750, 1.6885,
65.2707

■ 93.1480, 2.8850,
101.6022

■ 148.3840, 1.2897,
53.1602

■ 79.3390, 3.2839,
113.7127

■ 162.1930, 0.8909,
41.0497

■ 71.3830, 3.2622,
120.6901

■ 176.0020, 0.4920,
28.9392

■ 189.9250, 0.5300,
16.7288

■ 203.1470, 0.4205,
5.1331

■ 216.9560, 0.0217,
-6.9774

■ 230.7650, -0.3771,
-19.0879

■ 239.8780, 1.5391,
-27.0800

Harmonies

Analogous

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



126.0950, 23.1242, 49.9057



120.7660, 2.0874, 77.3812



119.6910, -21.0467, 77.4470

Triad

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



120.7660, 2.0874, 77.3812



111.8530, -40.8465, -12.1491



106.4790, 50.0499, -93.3821

Complementary

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



120.7660, 2.0874, 77.3812



163.2340, -2.0874, -77.3812

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.



105.3100, 32.8782, -92.3569



120.7660, 2.0874, 77.3812



92.2630, -9.4967, -80.9147

Square

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



120.7660, 2.0874, 77.3812



115.9090, -55.6641, 27.2668



99.7240, 11.4751, -87.4579



101.0310, 59.6377, -88.6042

Rectangle

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



120.7660, 2.0874, 77.3812



119.9440, -34.9754, 64.9471



99.7240, 11.4751, -87.4579



106.5130, 45.1031, -93.4119

Sweetspot

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



120.7660, 2.0874, 77.3812



223.4040, 0.7868, 27.7097



115.0930, 46.2962, 37.6294



108.2240, 0.3826, 17.3436



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.



120.7660, 2.0874, 77.3812



125.9260, 2.9945, 113.1979



124.4580, -24.3828, 74.1433



97.7450, 0.1257, 6.3626



57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062

Inverse Universe

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



120.7660, 2.0874, 77.3812



125.9260, 2.9945, 113.1979



159.5420, 24.3828, -74.1433



97.7450, 0.1257, 6.3626



57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 120.7660, 2.0874, 77.3812 looks on a white background.

Color Contrast Check

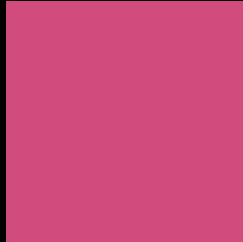
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7660, 2.0874, 77.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

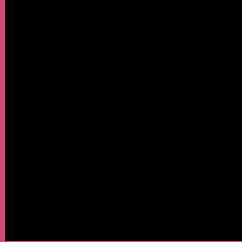
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7660, 2.0874, 77.3812

Background



This preview shows how black text looks on a background with the YUV color 120.7660, 2.0874, 77.3812.



This preview shows how white text looks on a background with the YUV color 120.7660, 2.0874,

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

120.7660, 2.0874, 77.3812

Protanopia

124.7400, 14.4252, -6.7880

Deuteranopia

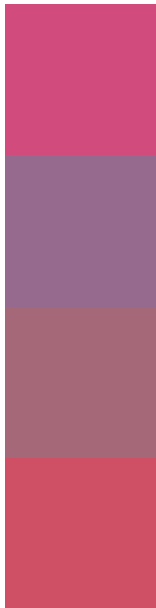
125.4530, -3.6743, 11.8807



Tritanopia

120.3470, -15.9471, 75.1177

Trichromacy



Original Color

120.7660, 2.0874, 77.3812

Protanomaly

123.3740, 9.6756, 23.3510

Deuteranomaly

123.8780, -1.4189, 35.1870

Tritanomaly

120.3670, -9.5479, 75.9771

Monochromacy



Original Color

120.7660, 2.0874, 77.3812

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7030, 0.6394, 28.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7660, 2.0874, 77.3812 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(209, 75, 125)` looks like.

```
.text, #text, p{  
    color:rgb(209, 75, 125)  
}
```

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(209, 75, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 75, 125) }
```

Border

The CSS property to change the border of an element to YUV 120.7660, 2.0874, 77.3812 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(209, 75, 125) }
```


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

```
.border{ border-color:rgb(209, 75, 125) }
```

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

Here you see how a box with a 4 pixel rgb(209, 75, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 75, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 75, 125);  
box-shadow:4px 4px 4px 4px rgb(209, 75,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 120.7660, 2.0874, 77.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 75, 125) }
```

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

```
.background{ background-color: rgb(209, 75,  
125) }
```

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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