

Converting Colors

YUV(126.7350, -4.3064,
74.7774)

Have a look what the booklet for
YUV(126.7350, -4.3064, 74.7774)
contains.

YUV(126.7350, -4.3064, 74.7774)	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(126.7350, -4.3064,
74.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	D45576
RGB	212, 85, 118
RGB Percent	83%, 33%, 46%
CMY	0.1686, 0.6667, 0.5373
CMYK	0.00, 0.60, 0.44, 0.17
HSL	344°, 60%, 58%
HSV	344°, 60%, 83%
XYZ	33.6699, 21.8021, 19.5732
YIQ	126.7350, 65.0990, 37.1870

Conversions

Conversions Part 2

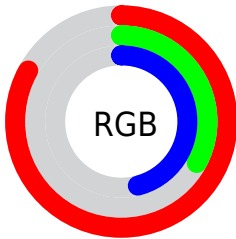
Format	Color
R_{YB}	212, 85, 118
Decimal	13915510
CIE Lab	53.82, 52.85, 7.50
CIE LCh	54, 53.380, 8.075
Yxy	21.8021, 0.4487, 0.2905
Android (android.graphics.Color)	4292105590 (0xFFD45576)
YUV	126.7350, -4.3064, 74.7774
Hunter-Lab	46.6927, 47.0034, 7.8310

Details

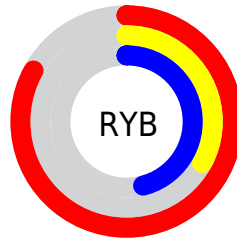
The YUV color **126.7350, -4.3064, 74.7774** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **170.2650, 4.3064, -74.7774**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8050, -3.8479, 67.7000**, and **68.9890, 0.4984, 73.6776** is the 20% darker color. If you saturate the color by 10%, you get **112.5840, -5.2179, 87.1878**, and if you desaturate by 10%, it is **140.8860, -3.3948, 62.3670**.

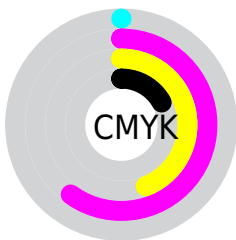
Distribution



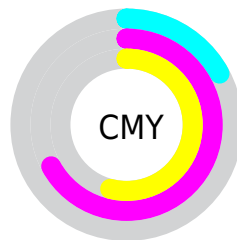
- Red (83%)
- Green (33%)
- Blue (46%)



- Red (83%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (44%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.7350, -4.3064, 74.7774 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 126.7350, -4.3064, 74.7774 by changing the saturation by 10% instead.


 126.7350, -4.3064,
74.7774


 126.7350, -4.3064,
74.7774

255.0000, 0.0000,
0.0000

 98.4790, -2.7011,
73.2479


 177.8050, -3.8479,
67.7000

 68.9890, 0.4984,
73.6776


 197.3190, -0.1573,
50.5862

 42.5480, 2.6878,
71.4334


 216.9470, 3.9701,
33.3725

 31.4830, -2.2101,
55.7044

 237.2760, 8.2449,
15.5439

 20.4460, -9.5869,
41.7049

254.4130, 0.2894,
0.5148

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 126.7350, -4.3064,
74.7774

■ 126.7350, -4.3064,
74.7774

■ 112.5840, -5.2179,
87.1878

■ 140.8860, -3.3948,
62.3670

■ 98.5470, -5.6927,
99.4983

■ 154.9230, -2.9200,
50.0565

■ 83.8090, -6.3148,
112.4235

■ 169.6610, -2.2979,
37.1313

■ 69.6580, -7.2264,
124.8339

■ 183.8120, -1.3863,
24.7209

■ 197.8490, -0.9116,
12.4104

■ 212.0000, 0.0000,
0.0000

■ 226.1510, 0.9116,
-12.4104

■ 240.8890, 1.5337,
-25.3357

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



130.7060, 16.4139, 55.5088



126.7350, -4.3064, 74.7774



125.4960, -25.3875, 69.7250

Triad

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



126.7350, -4.3064, 74.7774



116.6760, -32.3783, -21.6409



108.3370, 52.0919, -95.0115

Complementary

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



126.7350, -4.3064, 74.7774



170.2650, 4.3064, -74.7774

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.



108.4390, 37.2516, -95.1010



126.7350, -4.3064, 74.7774



97.3640, -2.6445, -85.3882

Square

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



126.7350, -4.3064, 74.7774



121.4330, -47.0485, 17.1603



104.5970, 17.4537, -91.7316



117.2370, 50.6622, -56.3358

Rectangle

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



126.7350, -4.3064, 74.7774



125.9060, -37.4217, 56.2104



104.5970, 17.4537, -91.7316



108.5990, 48.0187, -95.2413

Sweetspot

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



126.7350, -4.3064, 74.7774



224.1220, -1.5391, 27.0800



127.2850, 41.7645, 44.4771



108.5830, -0.7804, 17.0287



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.



126.7350, -4.3064, 74.7774



131.4880, -6.1566, 108.3200



140.5830, -27.4024, 62.6327



99.6310, -0.3111, 6.4626



56.1450, -5.9875, 100.7278



14.1110, -1.5337, 25.3357

Inverse Universe

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



126.7350, -4.3064, 74.7774



131.4880, -6.1566, 108.3200



156.4170, 27.4024, -62.6327



99.6310, -0.3111, 6.4626



56.1450, -5.9875, 100.7278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 126.7350, -4.3064, 74.7774 looks on a white background.

Color Contrast Check

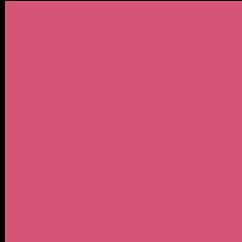
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7350, -4.3064, 74.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

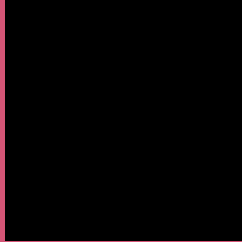
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7350, -4.3064, 74.7774

Background



This preview shows how black text looks on a background with the YUV color 126.7350, -4.3064, 74.7774.



This preview shows how white text looks on a background with the YUV color 126.7350, -4.3064,

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

126.7350, -4.3064, 74.7774

Protanopia

129.5960, 6.1152, -1.3997

Deuteranopia

129.8080, -8.7793, 15.9544



Tritanopia

125.8630, -15.2155, 73.7881

Trichromacy



Original Color

126.7350, -4.3064, 74.7774

Protanomaly

128.4470, 2.2446, 26.7950

Deuteranomaly

128.6950, -7.2446, 37.1015

Tritanomaly

126.4870, -11.5791, 74.1179

Monochromacy



Original Color

126.7350, -4.3064, 74.7774

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1220, -1.5391, 27.0800

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7350, -4.3064, 74.7774 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(212, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(212, 85, 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(212, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 85, 118) }
```

Border

The CSS property to change the border of an element to YUV 126.7350, -4.3064, 74.7774 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(212, 85, 118) }
```


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

```
.border{ border-color:rgb(212, 85, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 85, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 85, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 85, 118);  
box-shadow:4px 4px 4px 4px rgb(212, 85,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 126.7350, -4.3064, 74.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 85, 118) }
```

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

```
.background{ background-color: rgb(212, 85,  
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](#).

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