

Converting Colors

YUV(126.1960, 20.1164,
81.3891)

Have a look what the booklet for
YUV(126.1960, 20.1164, 81.3891)
contains.

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Color

**YUV(126.1960, 20.1164,
81.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	DB47A7
RGB	219, 71, 167
RGB Percent	86%, 28%, 65%
CMY	0.1412, 0.7216, 0.3451
CMYK	0.00, 0.68, 0.24, 0.14
HSL	321°, 67%, 57%
HSV	321°, 68%, 86%
XYZ	38.4417, 22.3566, 38.8484
YIQ	126.1960, 57.3920, 61.2320

Conversions

Conversions Part 2

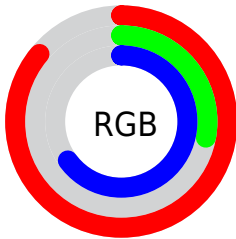
Format	Color
R _{YB}	219, 71, 167
Decimal	14370727
CIE _{Lab}	54.40, 66.30, -20.47
CIE _{LCh}	54, 69.389, 342.845
Yxy	22.3566, 0.3858, 0.2244
Android (android.graphics.Color)	4292560807 (0xFFDB47A7)
YUV	126.1960, 20.1164, 81.3891
Hunter-Lab	47.2827, 62.3789, -15.6158

Details

The YUV color **126.1960, 20.1164, 81.3891** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **163.8040, -20.1164, -81.3891**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2760, 22.0489, 68.1639**, and **60.9500, 26.6467, 86.8669** is the 20% darker color. If you saturate the color by 10%, you get **112.3700, 22.9886, 93.5145**, and if you desaturate by 10%, it is **140.0220, 17.2442, 69.2637**.

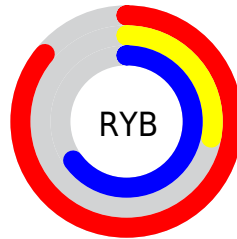
Distribution



Red (86%)

Green (28%)

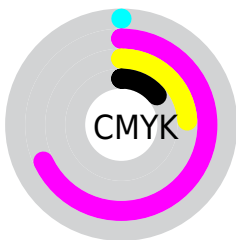
Blue (65%)



Red (86%)

Yellow (28%)

Blue (65%)

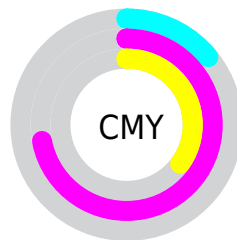


Cyan (0%)

Magenta (68%)

Yellow (24%)

Black (14%)



Cyan (14%)


Magenta (72%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.1960, 20.1164, 81.3891 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 126.1960, 20.1164, 81.3891 by changing the saturation by 10% instead.


 126.1960, 20.1164,
81.3891


 126.1960, 20.1164,
81.3891


255.0000, 0.0000,
0.0000


 94.8910, 22.7317,
82.5336


 177.2760, 22.0489,
68.1639


 60.9500, 26.6467,
86.8669


 197.6050, 26.3237,
50.3354


 49.4290, 20.0015,
71.5378

 215.0840, 19.6786,
35.0063

 38.3210, 13.6457,
56.7235

 232.1070, 11.2862,
20.0772

 27.4410, 8.1636,
41.7092

 249.7170, 2.6045,
4.6332

 16.9740, 2.9708,
27.2098

 0.0000, 0.0000,

0.0000

■ 126.1960, 20.1164,
81.3891

■ 126.1960, 20.1164,
81.3891

■ 112.3700, 22.9886,
93.5145

■ 140.0220, 17.2442,
69.2637

■ 98.6580, 26.2976,
105.5399

■ 153.7340, 13.9351,
57.2383

■ 84.8320, 29.1698,
117.6653

■ 167.5600, 11.0629,
45.1129

■ 81.6690, 29.7432,
120.4393

■ 181.3860, 8.1907,
32.9875

■ 195.0980, 4.8817,
20.9621

■ 208.3370, 2.2989,
9.3515

■ 222.1630, -0.5734,
-2.7740

■ 235.9890, -3.4456,
-14.8994

■ 242.0700, -2.9925,
-20.2324

Harmonies

Analogous

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



133.2890, 42.2555, 26.9335



126.1960, 20.1164, 81.3891



119.7430, -6.2823, 101.9574

Triad

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



126.1960, 20.1164, 81.3891



119.0120, -58.6729, 12.2675



115.0390, 47.3088, -100.8892

Complementary

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



126.1960, 20.1164, 81.3891



163.8040, -20.1164, -81.3891

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.



109.8290, 22.2693, -96.3200



126.1960, 20.1164, 81.3891



108.4210, -39.1546, -41.5882

Square

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



126.1960, 20.1164, 81.3891



122.8200, -60.5503, 54.5319



101.4730, -4.6702, -88.9918



114.2190, 64.4750, -100.1701

Rectangle

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



126.1960, 20.1164, 81.3891



121.5360, -25.9002, 94.2459



101.4730, -4.6702, -88.9918



113.6880, 39.5938, -99.7044

Sweetspot

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



126.1960, 20.1164, 81.3891



223.0110, 6.8966, 28.0544



103.4200, 56.9809, 17.1717



108.5490, 4.1663, 17.0585



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.



126.1960, 20.1164, 81.3891



125.1690, 28.0177, 113.8618



117.7600, -12.2067, 88.7875



103.0870, 1.4361, 6.0627



64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Inverse Universe

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



126.1960, 20.1164, 81.3891



125.1690, 28.0177, 113.8618



172.2400, 12.2067, -88.7875



103.0870, 1.4361, 6.0627



64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 126.1960, 20.1164, 81.3891 looks on a white background.

Color Contrast Check

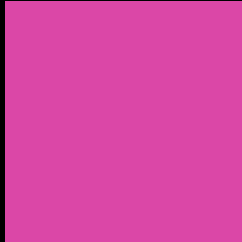
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1960, 20.1164, 81.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

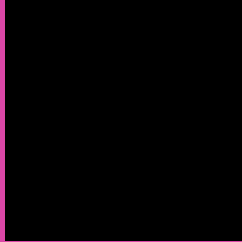
Any Text WCAG AA ✓ Pass

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 126.1960, 20.1164, 81.3891 Background



This preview shows how black text looks on a background with the YUV color 126.1960, 20.1164, 81.3891.



This preview shows how white text looks on a background with the YUV color 126.1960, 20.1164, 81.3891.

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

126.1960, 20.1164, 81.3891

Protanopia

128.6770, 40.0922, -26.0267

Deuteranopia

131.8330, 13.3933, -2.4845



Tritanopia

127.4610, -15.5103, 75.0177

Trichromacy



Original Color

126.1960, 20.1164, 81.3891



Protanomaly

127.6820, 32.6948, 13.4339



Deuteranomaly

129.7150, 15.9165, 28.3139



Tritanomaly

126.9140, -2.4226, 77.2514

Monochromacy



Original Color

126.1960, 20.1164, 81.3891



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1360, 7.3280, 29.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1960, 20.1164, 81.3891 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(219, 71, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 71, 167)  
}
```

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(219, 71, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 71, 167) }
```

Border

The CSS property to change the border of an element to YUV 126.1960, 20.1164, 81.3891 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(219, 71, 167) }
```


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

```
.border{ border-color:rgb(219, 71, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 71, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 71, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 71, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 71,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 126.1960, 20.1164, 81.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 71, 167) }
```

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

```
.background{ background-color: rgb(219, 71,  
167) }
```

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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