

Converting Colors

YUV(137.9760, 27.1268,
72.8120)

Have a look what the booklet for
YUV(137.9760, 27.1268, 72.8120)
contains.

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Color

**YUV(137.9760, 27.1268,
72.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	DD55C1
RGB	221, 85, 193
RGB Percent	87%, 33%, 76%
CMY	0.1333, 0.6667, 0.2431
CMYK	0.00, 0.62, 0.13, 0.13
HSL	312°, 67%, 60%
HSV	312°, 62%, 87%
XYZ	42.6929, 25.7194, 53.1663
YIQ	137.9760, 46.3880, 62.4200

Conversions

Conversions Part 2

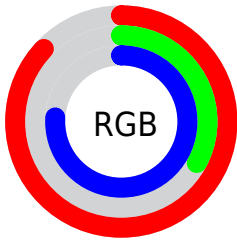
Format	Color
R _Y B	221, 85, 193
Decimal	14505409
CIE Lab	57.77, 64.95, -30.30
CIE LCh	58, 71.669, 334.988
Yxy	25.7194, 0.3512, 0.2115
Android (android.graphics.Color)	4292695489 (0xFFDD55C1)
YUV	137.9760, 27.1268, 72.8120
Hunter-Lab	50.7143, 61.5170, -26.6566

Details

The YUV color **137.9760, 27.1268, 72.8120** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **168.0240, -27.1268, -72.8120**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0990, 30.5172, 58.6722**, and **73.3880, 32.3467, 78.5897** is the 20% darker color. If you saturate the color by 10%, you get **124.4920, 31.3094, 84.6375**, and if you desaturate by 10%, it is **151.4600, 22.9442, 60.9866**.

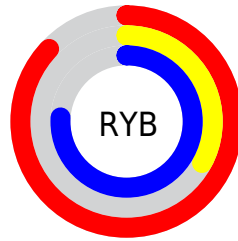
Distribution



Red (87%)

Green (33%)

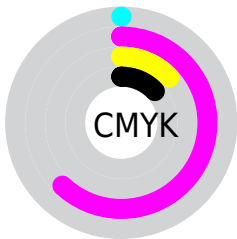
Blue (76%)



Red (87%)

Yellow (33%)

Blue (76%)

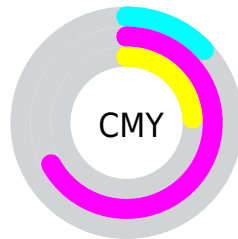


Cyan (0%)

Magenta (62%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.9760, 27.1268, 72.8120 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 137.9760, 27.1268, 72.8120 by changing the saturation by 10% instead.


 137.9760, 27.1268,
72.8120


 137.9760, 27.1268,
72.8120

255.0000, 0.0000,
0.0000


 108.6170, 28.2898,
73.1269


 188.0990, 30.5172,
58.6722

 73.3880, 32.3467,
78.5897


 205.1050, 24.5982,
43.7579


 52.9480, 29.6056,
71.0826

 222.1280, 16.2059,
28.8287

 41.7260, 22.8131,
56.3683

 239.7380, 7.5242,
13.3848

 31.0310, 16.7467,
42.0688

 20.9340, 10.3855,
28.9989

 7.9610, 5.9352,

9.6812

■ 0.0000, 0.0000,
0.0000

■ 137.9760, 27.1268,
72.8120

■ 137.9760, 27.1268,
72.8120

■ 124.4920, 31.3094,
84.6375

■ 151.4600, 22.9442,
60.9866

■ 111.1220, 35.9289,
96.3630

■ 164.8300, 18.3248,
49.2611

■ 97.6380, 40.1115,
108.1885

■ 178.3140, 14.1422,
37.4356

■ 86.0290, 43.8627,
118.3696

■ 191.6840, 9.5228,
25.7101

■ 205.1680, 5.3402,
13.8847

■ 219.1250, 0.4314,
1.6444

■ 232.6090, -3.7512,
-10.1811

■ 241.8700, -6.3449,
-18.3030

■ 242.4400, -4.1609,
-18.8029

Harmonies

Analogous

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



141.4160, 49.5879, 8.4052



137.9760, 27.1268, 72.8120



129.0020, 0.9850, 104.3612

Triad

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



137.9760, 27.1268, 72.8120



129.1230, -63.6576, 24.4481



121.2680, 43.2519, -106.3520

Complementary

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



137.9760, 27.1268, 72.8120



168.0240, -27.1268, -72.8120

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.



114.9010, 16.3178, -100.7682



137.9760, 27.1268, 72.8120



119.5190, -54.4859, -24.1342

Square

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



137.9760, 27.1268, 72.8120



129.6970, -63.9406, 68.6717



105.0290, -11.3533, -92.1104



122.1750, 64.4967, -107.1475

Rectangle

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



137.9760, 27.1268, 72.8120



129.3120, -19.3808, 103.2124



105.0290, -11.3533, -92.1104



119.6890, 34.6633, -104.9673

Sweetspot

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



137.9760, 27.1268, 72.8120



226.9720, 9.3808, 24.5806



108.5770, 55.4245, 3.0020



110.2930, 5.7716, 15.5290



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.



137.9760, 27.1268, 72.8120



139.6110, 37.6598, 101.1962



130.3380, -2.1386, 79.5106



103.2010, 1.8729, 5.9627



67.4590, 34.7767, 92.5595



17.8580, 8.9440, 24.6805

Inverse Universe

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



137.9760, 27.1268, 72.8120



139.6110, 37.6598, 101.1962



175.6620, 2.1386, -79.5106



103.2010, 1.8729, 5.9627



67.4590, 34.7767, 92.5595



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 137.9760, 27.1268, 72.8120 looks on a white background.

Color Contrast Check

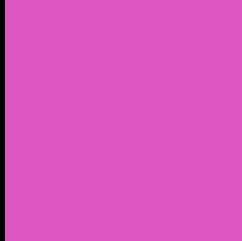
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9760, 27.1268, 72.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

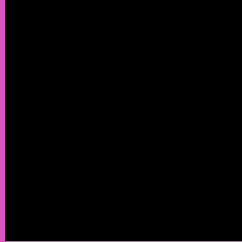
Any Text WCAG AA ✓ Pass

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 137.9760, 27.1268, 72.8120 Background



This preview shows how black text looks on a background with the YUV color 137.9760, 27.1268, 72.8120.



This preview shows how white text looks on a background with the YUV color 137.9760, 27.1268, 72.8120.

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

137.9760, 27.1268, 72.8120

Protanopia

135.6250, 48.9919, -33.8741

Deuteranopia

139.7810, 22.2930, -10.3319



Tritanopia

138.7910, -12.7150, 65.0813

Trichromacy



Original Color

137.9760, 27.1268, 72.8120



Protanomaly

136.2170, 41.3050, 5.0717



Deuteranomaly

139.1360, 24.0900, 20.0517



Tritanomaly

138.2980, 1.8251, 68.1447

Monochromacy



Original Color

137.9760, 27.1268, 72.8120



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.0970, 9.8122, 26.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9760, 27.1268, 72.8120 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(221, 85, 193)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 193)  
}
```

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(221, 85, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 193) }
```

Border

The CSS property to change the border of an element to YUV 137.9760, 27.1268, 72.8120 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(221, 85, 193) }
```


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

```
.border{ border-color:rgb(221, 85, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 193);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 137.9760, 27.1268, 72.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 193) }
```

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

```
.background{ background-color: rgb(221, 85,  
193) }
```

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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