

Converting Colors

YUV(89.0770, 7.3570, 113.9425)

Have a look what the booklet for
YUV(89.0770, 7.3570, 113.9425)
contains.

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Color

**YUV(89.0770, 7.3570,
113.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1468
RGB	219, 20, 104
RGB Percent	86%, 8%, 41%
CMY	0.1412, 0.9216, 0.5922
CMYK	0.00, 0.91, 0.53, 0.14
HSL	335°, 83%, 47%
HSV	335°, 91%, 86%
XYZ	31.9623, 16.5599, 14.6085
YIQ	89.0770, 91.6400, 68.3120

Conversions

Conversions Part 2

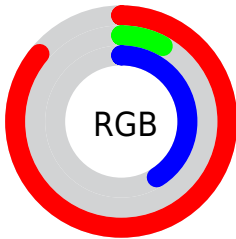
Format	Color
R_{YB}	219, 20, 104
Decimal	14357608
CIE _{Lab}	47.70, 73.13, 7.44
CIE _{LCh}	48, 73.505, 5.811
Yxy	16.5599, 0.5063, 0.2623
Android (android.graphics.Color)	4292547688 (0xFFDB1468)
YUV	89.0770, 7.3570, 113.9425
Hunter-Lab	40.6938, 68.9857, 7.2014

Details

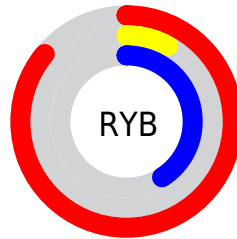
The YUV color **89.0770, 7.3570, 113.9425** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **149.9230, -7.3570, -113.9425**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2670, 2.3334, 91.8508**, and **53.5550, 2.1914, 90.7213** is the 20% darker color. If you saturate the color by 10%, you get **75.9690, 7.9033, 125.4382**, and if you desaturate by 10%, it is **103.4730, 6.6688, 101.3172**.

Distribution



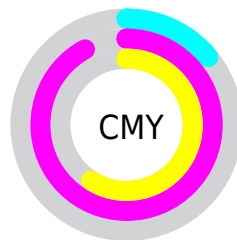
- Red (86%)
- Green (8%)
- Blue (41%)



- Red (86%)
- Yellow (8%)
- Blue (41%)



- Cyan (0%)
- Magenta (91%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0770, 7.3570, 113.9425 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 89.0770, 7.3570, 113.9425 by changing the saturation by 10% instead.


 89.0770, 7.3570,
113.9425

 89.0770, 7.3570,
113.9425


255.0000, 0.0000,
0.0000

 65.3320, 7.2313,
107.5798


 150.2670, 2.3334,
91.8508


 53.5550, 2.1914,
90.7213


 170.9550, 5.4452,
73.7075


 41.8920, -2.4118,
73.7627


 191.6430, 8.5570,
55.5641

 30.4140, -7.5991,
57.5189

 212.4450, 12.1056,
37.3207

 20.3750, -8.5659,
40.8901

 231.5200, 11.5756,
20.5920

 10.2800, -4.5750,
20.8024

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 89.0770, 7.3570,
113.9425

■ 89.0770, 7.3570,
113.9425

■ 75.9690, 7.9033,
125.4382

■ 103.4730, 6.6688,
101.3172

■ 117.7550, 5.5438,
88.7919

■ 132.1510, 4.8556,
76.1666

■ 146.5470, 4.1673,
63.5413

■ 160.8290, 3.0423,
51.0160

■ 174.6380, 2.6435,
38.9055

■ 189.0340, 1.9552,
26.2802

■ 203.3160, 0.8302,
13.7549

■ 217.7120, 0.1420,
1.1296

Harmonies

Analogous

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



106.1660, 29.0052, 77.0304



89.0770, 7.3570, 113.9425



99.5040, -27.3635, 96.9050

Triad

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



89.0770, 7.3570, 113.9425



93.0650, -45.8810, -30.7520



103.9490, 60.6641, -91.1633

Complementary

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



89.0770, 7.3570, 113.9425



149.9230, -7.3570, -113.9425

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.



102.6830, 40.5823, -90.0530



89.0770, 7.3570, 113.9425



86.4440, -14.0229, -75.8114

Square

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



89.0770, 7.3570, 113.9425



105.4780, -52.0007, 18.8748



95.7290, 13.9376, -83.9543



96.3980, 69.8098, -84.5410

Rectangle

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



89.0770, 7.3570, 113.9425



103.1830, -50.8692, 76.1385



95.7290, 13.9376, -83.9543



104.4560, 54.9912, -91.6079

Sweetspot

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



89.0770, 7.3570, 113.9425



209.9370, 2.4961, 39.5203



76.4730, 70.2658, 49.5742



101.1970, 1.3819, 23.5062



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.



89.0770, 7.3570, 113.9425



88.5570, 9.5854, 145.9705



87.1320, -33.0961, 115.6482



102.7450, 0.1257, 6.3626



60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Inverse Universe

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



89.0770, 7.3570, 113.9425



88.5570, 9.5854, 145.9705



151.8680, 33.0961, -115.6482



102.7450, 0.1257, 6.3626



60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 89.0770, 7.3570, 113.9425 looks on a white background.

Color Contrast Check

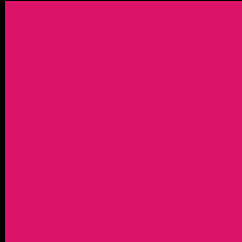
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0770, 7.3570, 113.9425 looks on a black 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

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

YUV 89.0770, 7.3570, 113.9425

Background



This preview shows how black text looks on a background with the YUV color 89.0770, 7.3570, 113.9425.



This preview shows how white text looks on a background with the YUV color 89.0770, 7.3570,

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

89.0770, 7.3570, 113.9425

Protanopia

114.7120, 16.9040, -8.5174

Deuteranopia

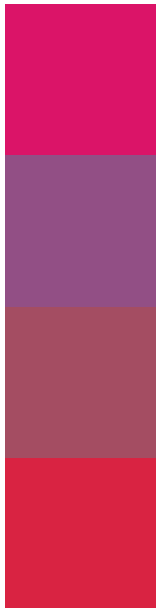
114.8680, -9.7949, 15.0248



Tritanopia

95.5420, -24.9172, 105.6417

Trichromacy



Original Color

89.0770, 7.3570, 113.9425

Protanomaly

105.1890, 13.7108, 35.7912

Deuteranomaly

105.4070, -3.6517, 51.3861

Tritanomaly

92.9520, -13.2873, 108.7901

Monochromacy



Original Color

89.0770, 7.3570, 113.9425

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9480, 2.4906, 41.2646

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0770, 7.3570, 113.9425 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, 20, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 20, 104)  
}
```

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, 20, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 20, 104) }
```

Border

The CSS property to change the border of an element to YUV 89.0770, 7.3570, 113.9425 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, 20, 104) }
```


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

```
.border{ border-color:rgb(219, 20, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 20, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 20, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 20, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 20,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 89.0770, 7.3570, 113.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 20, 104) }
```

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

```
.background{ background-color: rgb(219, 20,  
104) }
```

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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