

Converting Colors

YUV(112.7380, 8.0172, 88.8068)

Have a look what the booklet for
YUV(112.7380, 8.0172, 88.8068)
contains.

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Color

**YUV(112.7380, 8.0172,
88.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	D63A81
RGB	214, 58, 129
RGB Percent	84%, 23%, 51%
CMY	0.1608, 0.7725, 0.4941
CMYK	0.00, 0.73, 0.40, 0.16
HSL	333°, 66%, 53%
HSV	333°, 73%, 84%
XYZ	33.2071, 18.9072, 22.6681
YIQ	112.7380, 70.1850, 55.1530

Conversions

Conversions Part 2

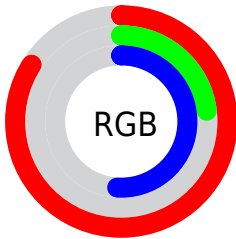
Format	Color
R_{YB}	214, 58, 129
Decimal	14039681
CIE Lab	50.58, 65.18, -3.75
CIE LCh	51, 65.286, 356.712
Yxy	18.9072, 0.4440, 0.2528
Android (android.graphics.Color)	4292229761 (0xFFD63A81)
YUV	112.7380, 8.0172, 88.8068
Hunter-Lab	43.4824, 60.2242, -0.4712

Details

The YUV color **112.7380, 8.0172, 88.8068** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **159.2620, -8.0172, -88.8068**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2590, 7.7603, 77.8259**, and **55.1660, 12.2432, 86.6774** is the 20% darker color. If you saturate the color by 10%, you get **99.0430, 8.8528, 100.8173**, and if you desaturate by 10%, it is **126.4330, 7.1815, 76.7963**.

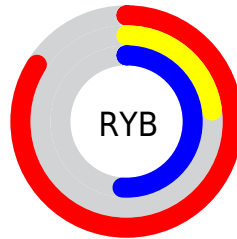
Distribution



Red (84%)

Green (23%)

Blue (51%)



Red (84%)

Yellow (23%)

Blue (51%)

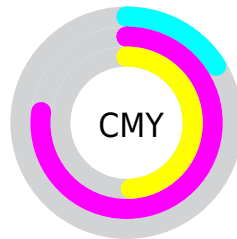


Cyan (0%)

Magenta (73%)

Yellow (40%)

Black (16%)



Cyan (16%)

Magenta (77%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.7380, 8.0172, 88.8068 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 112.7380, 8.0172, 88.8068 by changing the saturation by 10% instead.


 112.7380, 8.0172,
88.8068


 112.7380, 8.0172,
88.8068


255.0000, 0.0000,
0.0000


 77.4380, 13.0951,
93.4549


 166.2590, 7.7603,
77.8259


 55.1660, 12.2432,
86.6774


 185.7730, 11.4509,
60.7121

 43.8730, 6.4716,
71.1484


 206.1020, 15.7257,
42.8835

 32.8080, 1.5737,
55.4194

 225.0630, 14.7589,
26.2547

 22.2270, -4.0559,
41.0199

 242.6730, 6.0772,
10.8108

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 112.7380, 8.0172,
88.8068

■ 112.7380, 8.0172,
88.8068

■ 99.0430, 8.8528,
100.8173

■ 126.4330, 7.1815,
76.7963

■ 84.8750, 10.4146,
113.2426

■ 140.6010, 5.6197,
64.3709

■ 75.0440, 10.8243,
121.8644

■ 154.2960, 4.7841,
52.3604

■ 168.5780, 3.6590,
39.8351

■ 182.1590, 2.3866,
27.9246

■ 195.8540, 1.5510,
15.9140

■ 210.1360, 0.4260,
3.3887

■ 223.7170, -0.8465,
-8.5218

■ 237.9990, -1.9715,
-21.0471

Harmonies

Analogous

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



121.8270, 29.6653, 51.8947



112.7380, 8.0172, 88.8068



111.4630, -18.4693, 90.8019

Triad

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



112.7380, 8.0172, 88.8068



106.4870, -52.4981, -8.3201



107.0490, 52.2338, -93.8820

Complementary

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



112.7380, 8.0172, 88.8068



159.2620, -8.0172, -88.8068

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.



104.3810, 31.8572, -91.5421



112.7380, 8.0172, 88.8068



89.0370, -16.7802, -78.0854

Square

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



112.7380, 8.0172, 88.8068



112.9420, -55.6804, 32.4999



97.8830, 6.9597, -85.8434



102.1710, 64.0057, -89.6040

Rectangle

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



112.7380, 8.0172, 88.8068



113.5650, -36.7605, 77.5575



97.8830, 6.9597, -85.8434



106.8550, 46.4135, -93.7118

Sweetspot

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



112.7380, 8.0172, 88.8068



218.5940, 2.6652, 31.9281



100.6010, 55.9057, 35.4299



105.8760, 1.5401, 19.4027



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.



112.7380, 8.0172, 88.8068



110.8920, 11.3922, 126.3827



107.5790, -24.4424, 93.3312



99.8590, 0.5625, 6.2627



60.0210, 8.8636, 97.3286



15.1370, 2.3975, 24.4359

Inverse Universe

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



112.7380, 8.0172, 88.8068



110.8920, 11.3922, 126.3827



164.4210, 24.4424, -93.3312



99.8590, 0.5625, 6.2627



60.0210, 8.8636, 97.3286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 112.7380, 8.0172, 88.8068 looks on a white background.

Color Contrast Check

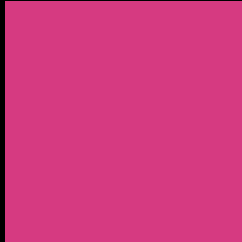
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7380, 8.0172, 88.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

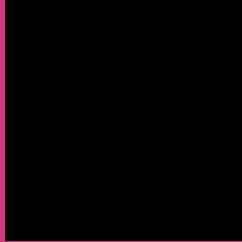
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.7380, 8.0172, 88.8068

Background



This preview shows how black text looks on a background with the YUV color 112.7380, 8.0172, 88.8068.



This preview shows how white text looks on a background with the YUV color 112.7380, 8.0172,

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

112.7380, 8.0172, 88.8068

Protanopia

120.6990, 23.3194, -12.8910

Deuteranopia

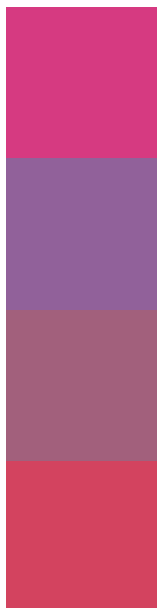
121.9410, -0.4639, 8.8217



Tritanopia

113.7180, -18.5950, 84.4393

Trichromacy



Original Color

112.7380, 8.0172, 88.8068

Protanomaly

117.8500, 17.8220, 23.8106

Deuteranomaly

118.9260, 2.5015, 37.7759

Tritanomaly

113.2480, -8.9963, 85.7285

Monochromacy



Original Color

112.7380, 8.0172, 88.8068

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0070, 2.9545, 32.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7380, 8.0172, 88.8068 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(214, 58, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 58, 129)  
}
```

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(214, 58, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 58, 129) }
```

Border

The CSS property to change the border of an element to YUV 112.7380, 8.0172, 88.8068 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(214, 58, 129) }
```


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

```
.border{ border-color:rgb(214, 58, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 58, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 58, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 58, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 58,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 112.7380, 8.0172, 88.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 58, 129) }
```

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

```
.background{ background-color: rgb(214, 58,  
129) }
```

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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