

Converting Colors

YUV(118.3300, -10.0227,
88.2876)

Have a look what the booklet for
YUV(118.3300, -10.0227, 88.2876)
contains.

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Color

**YUV(118.3300, -10.0227,
88.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4762
RGB	219, 71, 98
RGB Percent	86%, 28%, 38%
CMY	0.1412, 0.7216, 0.6157
CMYK	0.00, 0.68, 0.55, 0.14
HSL	349°, 67%, 57%
HSV	349°, 68%, 86%
XYZ	33.6713, 20.4484, 13.7275
YIQ	118.3300, 79.5410, 39.7730

Conversions

Conversions Part 2

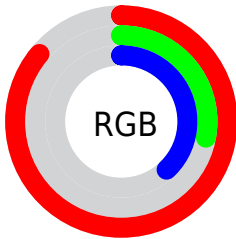
Format	Color
R_{YB}	219, 71, 98
Decimal	14370658
CIE Lab	52.34, 59.22, 17.54
CIE LCh	52, 61.761, 16.501
Yxy	20.4484, 0.4963, 0.3014
Android (android.graphics.Color)	4292560738 (0xFFDB4762)
YUV	118.3300, -10.0227, 88.2876
Hunter-Lab	45.2199, 53.7784, 13.6551

Details

The YUV color **118.3300, -10.0227, 88.2876** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **171.6700, 10.0227, -88.2876**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2530, -9.9847, 76.0771**, and **53.1700, -0.5768, 91.9359** is the 20% darker color. If you saturate the color by 10%, you get **103.3640, -11.5185, 101.4128**, and if you desaturate by 10%, it is **133.2960, -8.5269, 75.1624**.

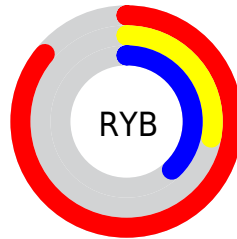
Distribution



Red (86%)

Green (28%)

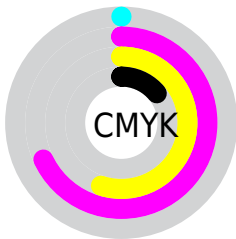
Blue (38%)



Red (86%)

Yellow (28%)

Blue (38%)

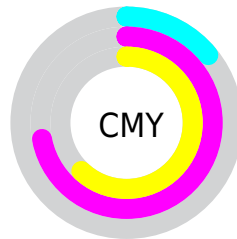


Cyan (0%)

Magenta (68%)

Yellow (55%)

Black (14%)



Cyan (14%)


Magenta (72%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.3300, -10.0227, 88.2876 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 118.3300, -10.0227, 88.2876 by changing the saturation by 10% instead.


 118.3300,
-10.0227, 88.2876


 118.3300,
-10.0227, 88.2876


255.0000, 0.0000,
0.0000


 88.1280, -6.9651,
87.5877


 168.2530, -9.9847,
76.0771


 53.1700, -0.5768,
91.9359


 187.7670, -6.2941,
58.9633


 41.8060, -5.3274,
75.5921


 207.2810, -2.6035,
41.8496

 30.2140, -10.9515,
59.4483

 227.4960, 1.2345,
24.1210

 21.1580, -9.4449,
42.8344

 247.9560, 3.4727,
6.1776

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 118.3300,
-10.0227, 88.2876

■ 118.3300,
-10.0227, 88.2876

■ 103.3640,
-11.5185, 101.4128

■ 133.2960, -8.5269,
75.1624

■ 88.3980, -13.0142,
114.5380

■ 148.2620, -7.0312,
62.0372

■ 73.4320, -14.5100,
127.6631

■ 163.2280, -5.5354,
48.9120

■ 70.0410, -14.8102,
130.6370

■ 178.1940, -4.0396,
35.7869

■ 193.1600, -2.5439,
22.6617

■ 207.4250, -1.1955,
10.1513

■ 222.3910, 0.3002,
-2.9739

■ 237.3570, 1.7960,
-16.0991

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



122.8440, 13.8809, 74.6818



118.3300, -10.0227, 88.2876



119.9990, -35.0025, 73.6689

Triad

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



118.3300, -10.0227, 88.2876



105.5270, -29.8398, -42.5582



106.9980, 59.6540, -93.8372

Complementary

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



118.3300, -10.0227, 88.2876



171.6700, 10.0227, -88.2876

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.



109.2030, 45.2559, -95.7710



118.3300, -10.0227, 88.2876



98.0480, -0.0237, -85.9881

Square

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



118.3300, -10.0227, 88.2876



113.3750, -55.8939, 7.5641



104.9050, 23.7108, -92.0017



117.2370, 54.1132, -43.1808

Rectangle

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



118.3300, -10.0227, 88.2876



118.7630, -50.6622, 56.3358



104.9050, 23.7108, -92.0017



108.6620, 55.8756, -95.2966

Sweetspot

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



118.3300, -10.0227, 88.2876



220.2750, -3.5866, 30.4538



124.0510, 46.8099, 59.5913



106.8390, -2.3856, 18.5582



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.



118.3300, -10.0227, 88.2876



114.2250, -13.9149, 123.4597



142.8410, -35.4176, 66.7914



102.5170, -0.7479, 6.5626



55.3750, -11.5239, 103.1571



14.6660, -3.2863, 27.4799

Inverse Universe

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



118.3300, -10.0227, 88.2876



114.2250, -13.9149, 123.4597



147.1590, 35.4176, -66.7914



102.5170, -0.7479, 6.5626



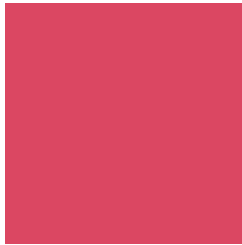
55.3750, -11.5239, 103.1571



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 118.3300, -10.0227, 88.2876 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 118.3300, -10.0227, 88.2876 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 118.3300, -10.0227, 88.2876

Background



This preview shows how black text looks on a background with the YUV color 118.3300, -10.0227, 88.2876.



This preview shows how white text looks on a background with the YUV color 118.3300, -10.0227, 88.2876.

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

118.3300, -10.0227, 88.2876

Protanopia

125.7830, -0.8790, 1.9443

Deuteranopia

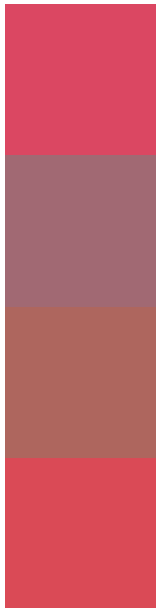
125.3650, -16.9419, 20.7279



Tritanopia

118.2130, -19.3320, 87.5132

Trichromacy



Original Color

118.3300, -10.0227, 88.2876

Protanomaly

122.8840, -3.8868, 33.4277

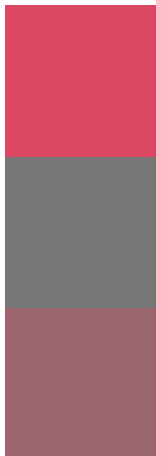
Deuteranomaly

122.6160, -14.1077, 45.0638

Tritanomaly

118.4240, -15.9850, 87.3282

Monochromacy



Original Color

118.3300, -10.0227, 88.2876

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2860, -3.5920, 32.1982

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3300, -10.0227, 88.2876 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(219, 71, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 71, 98) }
```

Border

The CSS property to change the border of an element to YUV 118.3300, -10.0227, 88.2876 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, 98) }
```


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

```
.border{ border-color:rgb(219, 71, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 71, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 71, 98);  
box-shadow:4px 4px 4px 4px rgb(219, 71,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 118.3300, -10.0227, 88.2876 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, 98) }
```

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

```
.background{ background-color: rgb(219, 71,  
98) }
```

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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