

Converting Colors

YUV(112.8460, -9.2911,
86.9581)

Have a look what the booklet for
YUV(112.8460, -9.2911, 86.9581)
contains.

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Color

**YUV(112.8460, -9.2911,
86.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	D4425E
RGB	212, 66, 94
RGB Percent	83%, 26%, 37%
CMY	0.1686, 0.7412, 0.6314
CMYK	0.00, 0.69, 0.56, 0.17
HSL	348°, 63%, 55%
HSV	348°, 69%, 83%
XYZ	31.1200, 18.7016, 12.5592
YIQ	112.8460, 78.0280, 39.6600

Conversions

Conversions Part 2

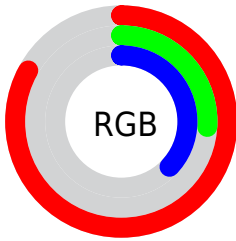
Format	Color
R_{YB}	212, 66, 94
Decimal	13910622
CIE Lab	50.34, 58.68, 17.02
CIE LCh	50, 61.102, 16.170
Yxy	18.7016, 0.4989, 0.2998
Android (android.graphics.Color)	4292100702 (0xFFD4425E)
YUV	112.8460, -9.2911, 86.9581
Hunter-Lab	43.2454, 52.7716, 13.0529

Details

The YUV color **112.8460, -9.2911, 86.9581** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **165.1540, 9.2911, -86.9581**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8620, -10.2850, 79.0510**, and **50.6210, -1.2922, 88.0324** is the 20% darker color. If you saturate the color by 10%, you get **98.5810, -10.6394, 99.4685**, and if you desaturate by 10%, it is **127.1110, -7.9427, 74.4477**.

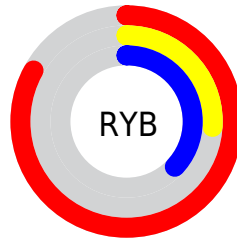
Distribution



Red (83%)

Green (26%)

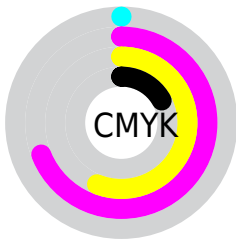
Blue (37%)



Red (83%)

Yellow (26%)

Blue (37%)

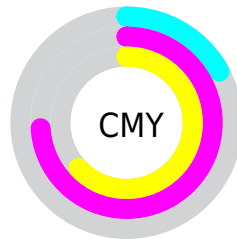


Cyan (0%)

Magenta (69%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (74%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8460, -9.2911, 86.9581 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 112.8460, -9.2911, 86.9581 by changing the saturation by 10% instead.

■ 112.8460, -9.2911,
86.9581

■ 112.8460, -9.2911,
86.9581

255.0000, 0.0000,
0.0000

■ 82.1710, -5.5073,
86.6730

■ 164.8620,
-10.2850, 79.0510

■ 50.6210, -1.2922,
88.0324

■ 184.3760, -6.5944,
61.9372

■ 39.3710, -5.6059,
71.5886

■ 203.8900, -2.9038,
44.8235

■ 27.6220, -13.1246,
56.4595

■ 224.1050, 0.9342,
27.0949

■ 19.7770, -8.2711,
39.6606

■ 244.9070, 4.4828,
8.8516

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 112.8460, -9.2911,
86.9581

■ 112.8460, -9.2911,
86.9581

■ 98.5810, -10.6394,
99.4685

■ 127.1110, -7.9427,
74.4477

■ 84.3160, -11.9878,
111.9789

■ 141.3760, -6.5944,
61.9372

■ 69.4640, -13.0468,
125.0041

■ 156.2280, -5.5354,
48.9120

■ 68.0620, -13.3416,
126.2336

■ 170.6070, -3.7503,
36.3017

■ 184.8720, -2.4019,
23.7913

■ 199.1370, -1.0535,
11.2809

■ 213.4020, 0.2948,
-1.2296

■ 228.2540, 1.3538,
-14.2548

■ 241.3450, 3.2809,
-25.7356

Harmonies

Analogous

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



117.2460, 14.1757, 73.4523



112.8460, -9.2911, 86.9581



114.6290, -33.8341, 72.2394

Triad

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



112.8460, -9.2911, 86.9581



100.8260, -29.9872, -41.9434



103.2650, 58.0434, -90.5634

Complementary

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



112.8460, -9.2911, 86.9581



165.1540, 9.2911, -86.9581

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.



104.8830, 43.9347, -91.9824



112.8460, -9.2911, 86.9581



93.9560, -0.4713, -82.3994

Square

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



112.8460, -9.2911, 86.9581



109.2440, -53.8573, 7.6790



101.2860, 22.5370, -88.8278



111.1120, 53.6818, -44.8252

Rectangle

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



112.8460, -9.2911, 86.9581



113.4640, -50.5148, 55.7211



101.2860, 22.5370, -88.8278



104.3420, 54.5544, -91.5079

Sweetspot

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



112.8460, -9.2911, 86.9581



218.4000, -3.1552, 32.0982



117.6270, 46.5259, 57.3321



106.2520, -2.0962, 19.0730



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.



112.8460, -9.2911, 86.9581



111.0620, -13.3416, 126.2336



135.4820, -34.2546, 67.1063



99.5170, -0.7479, 6.5626



54.8910, -10.7923, 101.8276



13.7690, -2.8441, 25.6356

Inverse Universe

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



112.8460, -9.2911, 86.9581



111.0620, -13.3416, 126.2336



142.5180, 34.2546, -67.1063



99.5170, -0.7479, 6.5626



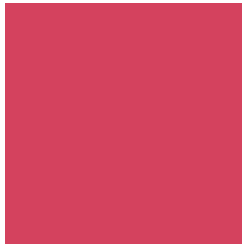
54.8910, -10.7923, 101.8276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 112.8460, -9.2911, 86.9581 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 112.8460, -9.2911, 86.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

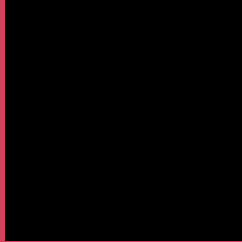
Any Text WCAG AA ✓ Pass

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 112.8460, -9.2911, 86.9581 Background



This preview shows how black text looks on a background with the YUV color 112.8460, -9.2911, 86.9581.

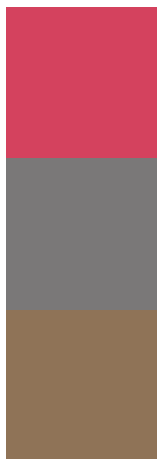


This preview shows how white text looks on a background with the YUV color 112.8460, -9.2911,

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

112.8460, -9.2911, 86.9581

Protanopia

120.5980, -0.2948, 1.2296

Deuteranopia

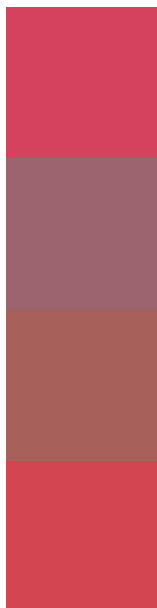
120.1800, -16.3577, 20.0131



Tritanopia

112.6150, -19.0372, 86.2836

Trichromacy



Original Color

112.8460, -9.2911, 86.9581

Protanomaly

117.6990, -3.3026, 32.7130

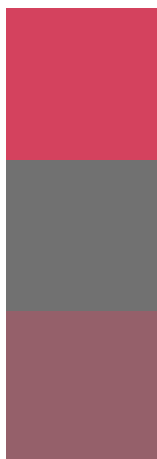
Deuteranomaly

117.4310, -13.5235, 44.3490

Tritanomaly

112.8260, -15.6902, 86.0986

Monochromacy



Original Color

112.8460, -9.2911, 86.9581

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9870, -3.4446, 31.5834

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8460, -9.2911, 86.9581 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(212, 66, 94)` looks like.

```
.text, #text, p{  
    color:rgb(212, 66, 94)  
}
```

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(212, 66, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 66, 94) }
```

Border

The CSS property to change the border of an element to YUV 112.8460, -9.2911, 86.9581 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(212, 66, 94) }
```


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

```
.border{ border-color:rgb(212, 66, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 66, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 66, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 66, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 66,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 112.8460, -9.2911, 86.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 66, 94) }
```

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

```
.background{ background-color: rgb(212, 66,  
94) }
```

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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