

Converting Colors

YUV(109.0860, -9.9024,
96.3946)

Have a look what the booklet for
YUV(109.0860, -9.9024, 96.3946)
contains.

YUV(109.0860, -9.9024, 96.3946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.0860, -9.9024,
96.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	DB3959
RGB	219, 57, 89
RGB Percent	86%, 22%, 35%
CMY	0.1412, 0.7765, 0.6510
CMYK	0.00, 0.74, 0.59, 0.14
HSL	348°, 69%, 54%
HSV	348°, 74%, 86%
XYZ	32.4797, 18.7076, 11.3502
YIQ	109.0860, 86.2800, 44.2960

Conversions

Conversions Part 2

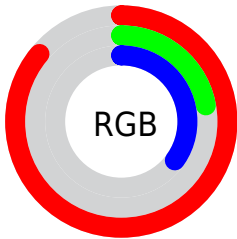
Format	Color
RYB	219, 57, 89
Decimal	14367065
CIELab	50.34, 63.60, 20.26
CIELCh	50, 66.751, 17.668
Yxy	18.7076, 0.5194, 0.2991
Android (android.graphics.Color)	4292557145 (0xFFDB3959)
YUV	109.0860, -9.9024, 96.3946
Hunter-Lab	43.2523, 58.3507, 14.7177

Details

The YUV color **109.0860, -9.9024, 96.3946** 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 **166.9140, 9.9024, -96.3946**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1830, -10.4432, 83.1545**, and **51.9590, -3.9238, 92.1210** is the 20% darker color. If you saturate the color by 10%, you get **94.1200, -11.3982, 109.5198**, and if you desaturate by 10%, it is **124.0520, -8.4066, 83.2694**.

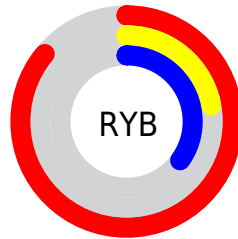
Distribution



Red (86%)

Green (22%)

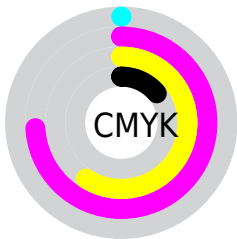
Blue (35%)



Red (86%)

Yellow (22%)

Blue (35%)

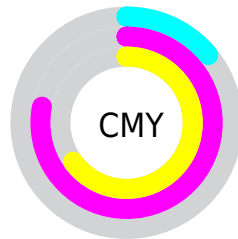


Cyan (0%)

Magenta (74%)

Yellow (59%)

Black (14%)



Cyan (14%)

Magenta (78%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.0860, -9.9024, 96.3946 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 109.0860, -9.9024, 96.3946 by changing the saturation by 10% instead.


 109.0860, -9.9024,
96.3946


 109.0860, -9.9024,
96.3946


255.0000, 0.0000,
0.0000


 73.7150, -3.8035,
100.2279


 160.1830,
-10.4432, 83.1545


 51.9590, -3.9238,
92.1210


 180.1700, -7.4788,
65.6259


 40.7090, -8.2375,
75.6772


 200.2710, -4.0776,
47.9973

 29.0030, -14.2985,
59.6334

 220.4860, -0.2396,
30.2688

 20.9730, -8.8607,
42.1197

 240.7010, 3.5984,
12.5402

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 109.0860, -9.9024,
96.3946

■ 109.0860, -9.9024,
96.3946

■ 94.1200, -11.3982,
109.5198

■ 124.0520, -8.4066,
83.2694

■ 79.2680, -12.4571,
122.5450

■ 138.9040, -7.3477,
70.2442

■ 70.3830, -13.4998,
130.3371

■ 153.8700, -5.8519,
57.1190

■ 168.7220, -4.7929,
44.0938

■ 183.1010, -3.0078,
31.4834

■ 197.9530, -1.9488,
18.4582

■ 212.9190, -0.4531,
5.3330

■ 227.8850, 1.0427,
-7.7921

■ 242.7370, 2.1017,
-20.8173

Harmonies

Analogous

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



113.7680, 15.8904, 83.5185



109.0860, -9.9024, 96.3946



112.8100, -38.3603, 77.3426

Triad

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



109.0860, -9.9024, 96.3946



95.0480, -30.0967, -53.5391



104.5190, 62.8481, -91.6632

Complementary

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



109.0860, -9.9024, 96.3946



166.9140, 9.9024, -96.3946

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.



106.4960, 47.5765, -93.3970



109.0860, -9.9024, 96.3946



95.2440, -0.6133, -83.5290

Square

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



109.0860, -9.9024, 96.3946



108.3360, -53.4096, 4.0903



102.5570, 24.8684, -89.9425



109.7570, 58.7868, -48.8989

Rectangle

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



109.0860, -9.9024, 96.3946



112.5090, -55.4669, 57.4356



102.5570, 24.8684, -89.9425



106.0690, 58.6330, -93.0225

Sweetspot

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



109.0860, -9.9024, 96.3946



216.9980, -3.4500, 33.3278



114.3380, 51.5984, 63.7246



104.9640, -1.9543, 20.2026



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.



109.0860, -9.9024, 96.3946



101.0030, -13.8055, 135.0554



134.2010, -38.0601, 74.3687



102.5170, -0.7479, 6.5626



55.6030, -10.6503, 102.9572



14.7800, -2.8495, 27.3799

Inverse Universe

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



109.0860, -9.9024, 96.3946



101.0030, -13.8055, 135.0554



141.7990, 38.0601, -74.3687



102.5170, -0.7479, 6.5626



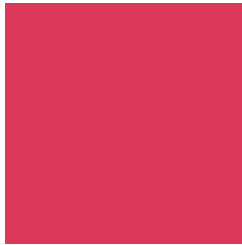
55.6030, -10.6503, 102.9572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 109.0860, -9.9024, 96.3946 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 109.0860, -9.9024, 96.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

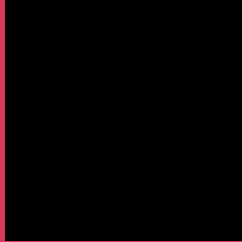
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.0860, -9.9024, 96.3946

Background



This preview shows how black text looks on a background with the YUV color 109.0860, -9.9024, 96.3946.



This preview shows how white text looks on a background with the YUV color 109.0860, -9.9024,

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

109.0860, -9.9024, 96.3946

Protanopia

120.6690, -1.3158, 2.0443

Deuteranopia

119.7950, -19.1259, 21.2278



Tritanopia

108.9860, -21.6851, 95.6053

Trichromacy



Original Color

109.0860, -9.9024, 96.3946

Protanomaly

116.3790, -4.6238, 36.5016

Deuteranomaly

115.8830, -15.7183, 48.3376

Tritanomaly

108.8380, -17.1751, 95.7351

Monochromacy



Original Color

109.0860, -9.9024, 96.3946

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0090, -3.4554, 35.0721

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0860, -9.9024, 96.3946 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, 57, 89)` looks like.

```
.text, #text, p{  
    color:rgb(219, 57, 89)  
}
```

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, 57, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 57, 89) }
```

Border

The CSS property to change the border of an element to YUV 109.0860, -9.9024, 96.3946 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, 57, 89) }
```


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

```
.border{ border-color:rgb(219, 57, 89) }
```

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

Here you see how a box with a 4 pixel rgb(219, 57, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 57, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 57, 89);  
box-shadow:4px 4px 4px 4px rgb(219, 57,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 109.0860, -9.9024, 96.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 57, 89) }
```

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

```
.background{ background-color: rgb(219, 57,  
89) }
```

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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