

Converting Colors

YUV(102.5320, -9.6293,
102.1424)

Have a look what the booklet for
YUV(102.5320, -9.6293, 102.1424)
contains.

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Color

**YUV(102.5320, -9.6293,
102.1424)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2F53
RGB	219, 47, 83
RGB Percent	86%, 18%, 33%
CMY	0.1412, 0.8157, 0.6745
CMYK	0.00, 0.79, 0.62, 0.14
HSL	347°, 70%, 52%
HSV	347°, 79%, 86%
XYZ	31.7913, 17.7176, 9.9279
YIQ	102.5320, 90.9560, 47.6600

Conversions

Conversions Part 2

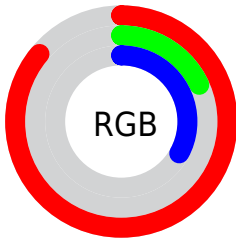
Format	Color
RYB	219, 47, 83
Decimal	14364499
CIELab	49.15, 66.25, 22.31
CIELCh	49, 69.907, 18.613
Yxy	17.7176, 0.5349, 0.2981
Android (android.graphics.Color)	4292554579 (0xFFDB2F53)
YUV	102.5320, -9.6293, 102.1424
Hunter-Lab	42.0923, 61.1550, 15.4805

Details

The YUV color **102.5320, -9.6293, 102.1424** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **163.4680, 9.6293, -102.1424**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2760, -11.4751, 87.4579**, and **51.3890, -6.1078, 92.6208** is the 20% darker color. If you saturate the color by 10%, you get **87.6800, -10.6882, 115.1676**, and if you desaturate by 10%, it is **117.3840, -8.5703, 89.1172**.

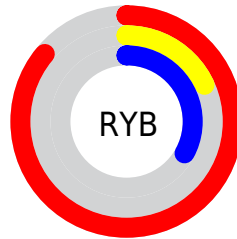
Distribution



Red (86%)

Green (18%)

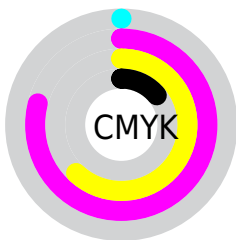
Blue (33%)



Red (86%)

Yellow (18%)

Blue (33%)

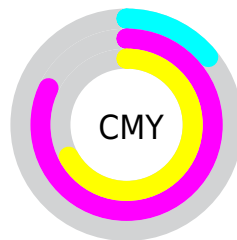


Cyan (0%)

Magenta (79%)

Yellow (62%)

Black (14%)



Cyan (14%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5320, -9.6293, 102.1424 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 102.5320, -9.6293, 102.1424 by changing the saturation by 10% instead.

■ 102.5320, -9.6293,
102.1424

■ 102.5320, -9.6293,
102.1424

255.0000, 0.0000,
0.0000

■ 63.0520, -1.5046,
109.5794

■ 155.2760,
-11.4751, 87.4579

■ 51.3890, -6.1078,
92.6208

■ 175.2630, -8.5107,
69.9293

■ 39.8400, -10.2741,
75.5623

■ 195.3640, -5.1095,
52.3008

■ 28.5190, -13.5669,
58.3038

■ 215.5790, -1.2714,
34.5722

■ 20.3750, -8.5659,
40.8901

■ 236.3810, 2.2772,
16.3289

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,

0.0000

■ 102.5320, -9.6293,
102.1424

■ 102.5320, -9.6293,
102.1424

■ 87.6800, -10.6882,
115.1676

■ 117.3840, -8.5703,
89.1172

■ 72.7140, -12.1840,
128.2928

■ 132.3500, -7.0745,
75.9921

■ 70.7250, -12.1894,
130.0372

■ 147.2020, -6.0156,
62.9668

■ 162.0540, -4.9566,
49.9416

■ 177.0200, -3.4609,
36.8165

■ 191.2850, -2.1125,
24.3061

■ 206.1370, -1.0535,
11.2809

■ 221.1030, 0.4422,
-1.8443

■ 235.9550, 1.5012,
-14.8695

Harmonies

Analogous

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



107.1540, 17.1791, 90.1959



102.5320, -9.6293, 102.1424



108.4360, -41.1339, 80.3016

Triad

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



102.5320, -9.6293, 102.1424



84.2910, -28.7375, -69.5382



103.5730, 64.3005, -90.8335

Complementary

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



102.5320, -9.6293, 102.1424



163.4680, 9.6293, -102.1424

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.



105.5500, 49.0288, -92.5674



102.5320, -9.6293, 102.1424



93.1410, -1.0555, -81.6847

Square

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



102.5320, -9.6293, 102.1424



105.3680, -51.9464, 1.4313



101.3830, 25.4472, -88.9129



105.1310, 61.5604, -51.8579

Rectangle

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



102.5320, -9.6293, 102.1424



109.8510, -54.1565, 57.1357



101.3830, 25.4472, -88.9129



105.2370, 60.5222, -92.2928

Sweetspot

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



102.5320, -9.6293, 102.1424



213.7210, -3.3135, 36.2017



106.9730, 55.2293, 65.7987



102.8610, -2.3965, 22.0469



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.



102.5320, -9.6293, 102.1424



92.4600, -13.5378, 142.5476



127.1910, -39.5342, 80.5165



102.5170, -0.7479, 6.5626



55.8310, -9.7767, 102.7572



14.8940, -2.4127, 27.2800

Inverse Universe

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



102.5320, -9.6293, 102.1424



92.4600, -13.5378, 142.5476



138.8090, 39.5342, -80.5165



102.5170, -0.7479, 6.5626



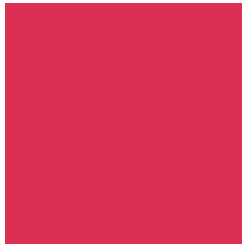
55.8310, -9.7767, 102.7572



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 102.5320, -9.6293, 102.1424 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 102.5320, -9.6293, 102.1424 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 102.5320, -9.6293, 102.1424

Background



This preview shows how black text looks on a background with the YUV color 102.5320, -9.6293, 102.1424.



This preview shows how white text looks on a background with the YUV color 102.5320, -9.6293,

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

102.5320, -9.6293, 102.1424

Protanopia

117.7400, -2.3368, 2.8590

Deuteranopia

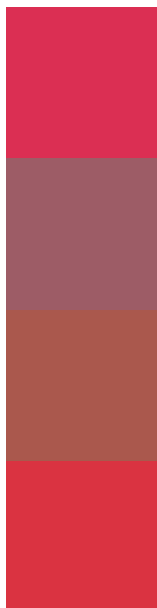
116.6380, -21.0205, 22.2425



Tritanopia

102.5630, -23.4486, 101.2382

Trichromacy



Original Color

102.5320, -9.6293, 102.1424

Protanomaly

112.5750, -5.2135, 38.9607

Deuteranomaly

111.2640, -16.8922, 51.5115

Tritanomaly

102.5290, -18.5018, 101.2681

Monochromacy



Original Color

102.5320, -9.6293, 102.1424

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0200, -3.4609, 36.8165

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5320, -9.6293, 102.1424 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, 47, 83)` looks like.

```
.text, #text, p{  
    color:rgb(219, 47, 83)  
}
```

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, 47, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 47, 83) }
```

Border

The CSS property to change the border of an element to YUV 102.5320, -9.6293, 102.1424 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, 47, 83) }
```


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

```
.border{ border-color:rgb(219, 47, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 47, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 47, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 47, 83);  
box-shadow:4px 4px 4px 4px rgb(219, 47,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 102.5320, -9.6293, 102.1424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 47, 83) }
```

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

```
.background{ background-color: rgb(219, 47,  
83) }
```

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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