

Converting Colors

YUV(102.0180, -9.8689,
132.4112)

Have a look what the booklet for
YUV(102.0180, -9.8689, 132.4112)
contains.

YUV(102.0180, -9.8689, 132.4112)	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(102.0180, -9.8689,
132.4112)**

Conversions

Conversions Part 1

Format	Color
Hex	FD1D52
RGB	253, 29, 82
RGB Percent	99%, 11%, 32%
CMY	0.0078, 0.8863, 0.6784
CMYK	0.00, 0.89, 0.68, 0.01
HSL	346°, 98%, 55%
HSV	346°, 89%, 99%
XYZ	42.4704, 22.3706, 10.0622
YIQ	102.0180, 116.4910, 63.9710

Conversions

Conversions Part 2

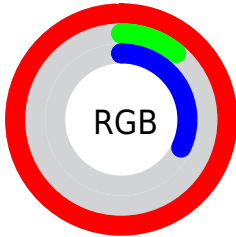
Format	Color
R_{YB}	253, 29, 82
Decimal	16588114
CIE Lab	54.42, 78.73, 30.99
CIE LCh	54, 84.608, 21.485
Yxy	22.3706, 0.5670, 0.2987
Android (android.graphics.Color)	4294778194 (0xFFFD1D52)
YUV	102.0180, -9.8689, 132.4112
Hunter-Lab	47.2975, 77.5117, 20.4948

Details

The YUV color **102.0180, -9.8689, 132.4112** 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 **179.9820, 9.8689, -132.4112**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8140, -10.7543, 89.6171**, and **60.5440, -11.1142, 111.7789** is the 20% darker color. If you saturate the color by 10%, you get **85.1770, -10.9333, 147.1808**, and if you desaturate by 10%, it is **118.8590, -8.8045, 117.6417**.

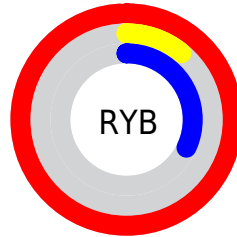
Distribution



Red (99%)

Green (11%)

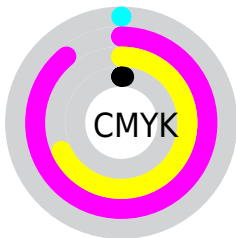
Blue (32%)



Red (99%)

Yellow (11%)

Blue (32%)

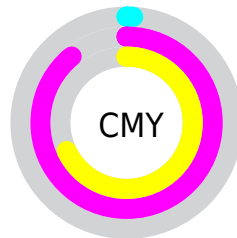


Cyan (0%)

Magenta (89%)

Yellow (68%)

Black (1%)



Cyan (1%)

Magenta (89%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.0180, -9.8689, 132.4112 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 102.0180, -9.8689, 132.4112 by changing the saturation by 10% instead.

102.0180, -9.8689,
132.4112

102.0180, -9.8689,
132.4112

255.0000, 0.0000,
0.0000

72.5060, -6.6585,
129.3522

152.8140,
-10.7543, 89.6171

60.5440, -11.1142,
111.7789

173.9750, -8.3687,
71.0589

48.5110, -14.5489,
93.3909

194.6630, -5.2569,
52.9155

37.1900, -17.8417,
76.1324

216.0520, -1.9976,
34.1574

27.8500, -12.2510,
56.2596

236.8540, 1.5510,
15.9140

18.5810, -7.6814,
37.2015

7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 102.0180, -9.8689,
132.4112

■ 102.0180, -9.8689,
132.4112

■ 85.1770, -10.9333,
147.1808

■ 118.8590, -8.8045,
117.6417

■ 82.4870, -11.0861,
149.5399

■ 136.4010, -7.5927,
102.2573

■ 153.2420, -6.5283,
87.4878

■ 170.0830, -5.4639,
72.7182

■ 187.6250, -4.2521,
57.3339

■ 204.4660, -3.1877,
42.5643

■ 221.3070, -2.1234,
27.7948

■ 238.2620, -0.6222,
12.9252

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



101.0890, 26.0851, 127.0869



102.0180, -9.8689, 132.4112



116.8820, -57.6228, 95.6965

Triad

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



102.0180, -9.8689, 132.4112



92.5640, -36.2671, -81.1786



114.7720, 69.1324, -100.6550

Complementary

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



102.0180, -9.8689, 132.4112



179.9820, 9.8689, -132.4112

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.



120.6760, 61.2917, -105.8329



102.0180, -9.8689, 132.4112



105.4170, 0.2874, -92.4507

Square

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



102.0180, -9.8689, 132.4112



115.6460, -57.0135, -6.7055



115.2550, 32.9053, -101.0786



115.0580, 68.9914, -55.3019

Rectangle

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



102.0180, -9.8689, 132.4112



121.9890, -60.1406, 63.1536



115.2550, 32.9053, -101.0786



117.7070, 67.6854, -103.2290

Sweetspot

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



102.0180, -9.8689, 132.4112



208.4550, -3.1823, 40.8200



104.7680, 73.0784, 80.8875



100.2850, -2.1125, 24.3061



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.



102.0180, -9.8689, 132.4112



83.0850, -11.3809, 150.7695



128.8480, -49.2251, 108.8813



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Inverse Universe

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



102.0180, -9.8689, 132.4112



83.0850, -11.3809, 150.7695



153.1520, 49.2251, -108.8813



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 102.0180, -9.8689, 132.4112 looks on a white background.

Color Contrast Check

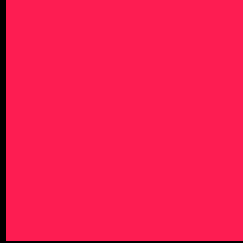
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.0180, -9.8689, 132.4112 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 102.0180, -9.8689, 132.4112

Background



This preview shows how black text looks on a background with the YUV color 102.0180, -9.8689, 132.4112.

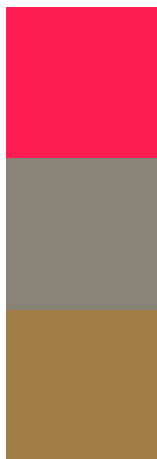


This preview shows how white text looks on a background with the YUV color 102.0180, -9.8689,

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

102.0180, -9.8689, 132.4112

Protanopia

130.5400, -5.6892, 4.7884

Deuteranopia

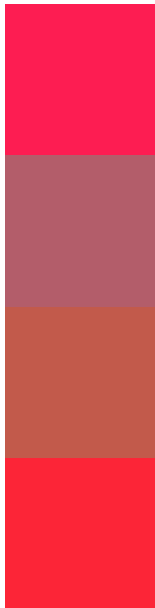
129.3090, -28.7463, 26.9160



Tritanopia

103.8610, -31.9765, 129.9179

Trichromacy



Original Color

102.0180, -9.8689, 132.4112

Protanomaly

120.1960, -6.9986, 51.5711

Deuteranomaly

119.3860, -21.8823, 65.4365

Tritanomaly

103.3370, -23.8301, 130.3775

Monochromacy



Original Color

102.0180, -9.8689, 132.4112

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7980, -3.3514, 48.4122

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.0180, -9.8689, 132.4112 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(253, 29, 82)` looks like.

```
.text, #text, p{  
    color:rgb(253, 29, 82)  
}
```

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(253, 29, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 29, 82) }
```

Border

The CSS property to change the border of an element to YUV 102.0180, -9.8689, 132.4112 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(253, 29, 82) }
```


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

```
.border{ border-color:rgb(253, 29, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 29, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 29, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 29, 82);  
box-shadow:4px 4px 4px 4px rgb(253, 29,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 102.0180, -9.8689, 132.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 29, 82) }
```

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

```
.background{ background-color: rgb(253, 29,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor