

Converting Colors

YUV(110.9820, -18.7251,
126.3038)

Have a look what the booklet for
YUV(110.9820, -18.7251, 126.3038)
contains.

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Color

**YUV(110.9820, -18.7251,
126.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2D49
RGB	255, 45, 73
RGB Percent	100%, 18%, 29%
CMY	0.0000, 0.8235, 0.7137
CMYK	0.00, 0.82, 0.71, 0.00
HSL	352°, 100%, 59%
HSV	352°, 82%, 100%
XYZ	43.3810, 23.6178, 8.5756
YIQ	110.9820, 116.1720, 53.2280

Conversions

Conversions Part 2

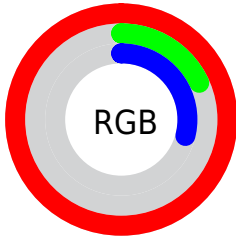
Format	Color
R _Y B	255, 45, 73
Decimal	16723273
CIE Lab	55.70, 75.90, 37.90
CIE LCh	56, 84.837, 26.532
Yxy	23.6178, 0.5740, 0.3125
Android (android.graphics.Color)	4294913353 (0xFFFF2D49)
YUV	110.9820, -18.7251, 126.3038
Hunter-Lab	48.5982, 74.2906, 23.5564

Details

The YUV color **110.9820, -18.7251, 126.3038** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **189.0180, 18.7251, -126.3038**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4840, -17.0006, 86.3985**, and **59.8170, -15.1928, 113.2935** is the 20% darker color. If you saturate the color by 10%, you get **93.7990, -21.0999, 141.3733**, and if you desaturate by 10%, it is **128.7520, -16.6397, 110.7195**.

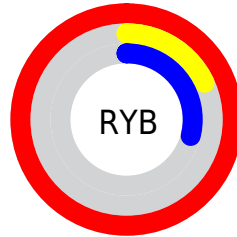
Distribution



Red (100%)

Green (18%)

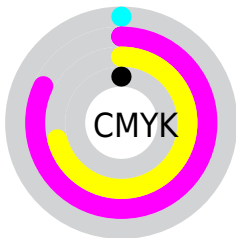
Blue (29%)



Red (100%)

Yellow (18%)

Blue (29%)

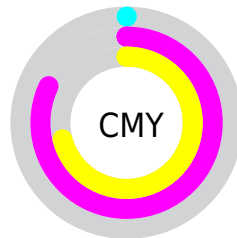


Cyan (0%)

Magenta (82%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.9820, -18.7251, 126.3038 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 110.9820, -18.7251, 126.3038 by changing the saturation by 10% instead.


 110.9820,
-18.7251, 126.3038


 110.9820,
-18.7251, 126.3038


255.0000, 0.0000,
0.0000

 72.0780, -10.8845,
131.4816


 156.4840,
-17.0006, 86.3985

 59.8170, -15.1928,
113.2935


 177.5310,
-15.0518, 67.9403

 47.8550, -19.6485,
95.7202


 197.6320,
-11.6506, 50.3117

 37.3750, -18.4259,
76.8471

 218.3200, -8.5388,
32.1684

 28.1490, -12.3985,
56.8743

 239.8230, -4.8427,
13.3102

 19.1790, -7.9762,
38.4310

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 110.9820,
-18.7251, 126.3038

■ 110.9820,
-18.7251, 126.3038

■ 93.7990, -21.0999,
141.3733

■ 128.7520,
-16.6397, 110.7195

■ 80.1210, -22.7377,
153.3689

■ 145.9350,
-14.2650, 95.6500

■ 163.7050,
-12.1796, 80.0657

■ 180.8880, -9.8048,
64.9962

■ 198.7720, -7.2826,
49.3120

215.9550, -4.9078,
34.2425

233.7250, -2.8224,
18.6582

250.9080, -0.4476,
3.5887

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



102.1670, 21.1167, 134.0345



110.9820, -18.7251, 126.3038



121.8550, -60.0745, 88.7042

Triad

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



110.9820, -18.7251, 126.3038



98.1210, -27.6677, -86.0521



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.



110.9820, -18.7251, 126.3038



189.0180, 18.7251, -126.3038

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.



122.9900, 65.0809, -107.8622



110.9820, -18.7251, 126.3038



110.1760, 5.8292, -96.6244

Square

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



110.9820, -18.7251, 126.3038



116.1780, -57.2758, -15.9421



118.8400, 39.0259, -104.2227



128.2360, 62.4947, -24.7630

Rectangle

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



110.9820, -18.7251, 126.3038



125.7770, -62.0081, 55.4466



118.8400, 39.0259, -104.2227



118.2940, 67.3961, -103.7438

Sweetspot

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



110.9820, -18.7251, 126.3038



211.1620, -5.5029, 38.4459



123.3580, 64.8995, 90.8940



101.2310, -3.5649, 23.4764



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.



110.9820, -18.7251, 126.3038



82.1100, -22.7322, 151.6245



152.9890, -53.2386, 89.4636



119.0010, -1.4795, 7.8921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Inverse Universe

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



110.9820, -18.7251, 126.3038



82.1100, -22.7322, 151.6245



147.0110, 53.2386, -89.4636



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 110.9820, -18.7251, 126.3038 looks on a white background.

Color Contrast Check

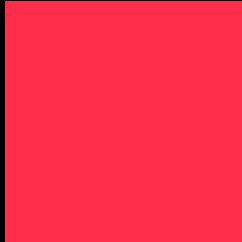
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9820, -18.7251, 126.3038 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 110.9820, -18.7251, 126.3038 Background



This preview shows how black text looks on a background with the YUV color 110.9820, -18.7251, 126.3038.



This preview shows how white text looks on a background with the YUV color 110.9820, -18.7251, 126.3038.

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

110.9820, -18.7251, 126.3038

Protanopia

133.2710, -14.4306, 8.5323

Deuteranopia

130.8380, -34.4301, 29.9601



Tritanopia

110.9960, -30.0710, 125.4145

Trichromacy



Original Color

110.9820, -18.7251, 126.3038

Protanomaly

125.4920, -16.0186, 51.3115

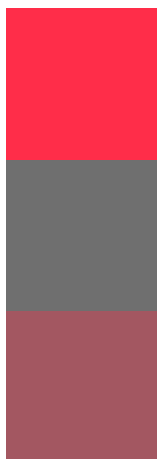
Deuteranomaly

123.5510, -28.8656, 65.2918

Tritanomaly

110.7340, -25.9979, 125.6443

Monochromacy



Original Color

110.9820, -18.7251, 126.3038

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8640, -6.8350, 45.7233

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9820, -18.7251, 126.3038 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(255, 45, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 73)  
}
```

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(255, 45, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 73) }
```

Border

The CSS property to change the border of an element to YUV 110.9820, -18.7251, 126.3038 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(255, 45, 73) }
```


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

```
.border{ border-color:rgb(255, 45, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 45, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 110.9820, -18.7251, 126.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 73) }
```

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

```
.background{ background-color: rgb(255, 45,  
73) }
```

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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