

Converting Colors

YUV(103.2830, -5.0695,
133.0558)

Have a look what the booklet for
YUV(103.2830, -5.0695, 133.0558)
contains.

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Color

**YUV(103.2830, -5.0695,
133.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C5D
RGB	255, 28, 93
RGB Percent	100%, 11%, 36%
CMY	0.0000, 0.8902, 0.6353
CMYK	0.00, 0.89, 0.64, 0.00
HSL	343°, 100%, 55%
HSV	343°, 89%, 100%
XYZ	43.6310, 22.8808, 12.4728
YIQ	103.2830, 114.4270, 68.3390

Conversions

Conversions Part 2

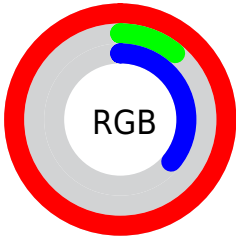
Format	Color
R_{YB}	255, 28, 93
Decimal	16718941
CIE _{Lab}	54.95, 79.89, 25.19
CIE _{LCh}	55, 83.768, 17.503
Yxy	22.8808, 0.5524, 0.2897
Android (android.graphics.Color)	4294909021 (0xFFFF1C5D)
YUV	103.2830, -5.0695, 133.0558
Hunter-Lab	47.8339, 79.1070, 18.0238

Details

The YUV color **103.2830, -5.0695, 133.0558** 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 **179.7170, 5.0695, -133.0558**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7690, -5.8021, 87.9026**, and **62.2820, -7.0410, 112.0087** is the 20% darker color. If you saturate the color by 10%, you get **86.5560, -5.6971, 147.7254**, and if you desaturate by 10%, it is **120.5970, -4.7313, 117.8714**.

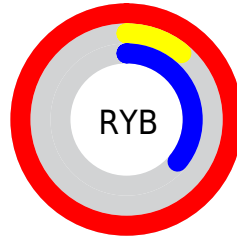
Distribution



Red (100%)

Green (11%)

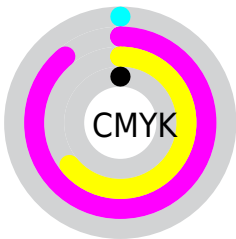
Blue (36%)



Red (100%)

Yellow (11%)

Blue (36%)

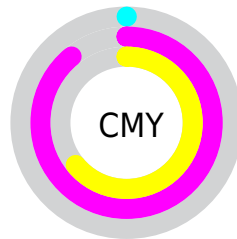


Cyan (0%)

Magenta (89%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.2830, -5.0695, 133.0558 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 103.2830, -5.0695, 133.0558 by changing the saturation by 10% instead.


 103.2830, -5.0695,
133.0558


 103.2830, -5.0695,
133.0558


255.0000, 0.0000,
0.0000


 74.3580, -2.1485,
129.4820


 154.7690, -5.8021,
87.9026

 62.2820, -7.0410,
112.0087


 175.9300, -3.4165,
69.3444

 50.4340, -11.0600,
94.3354


 196.6180, -0.3047,
51.2010

 37.9020, -17.6997,
77.2619

 217.4200, 3.2439,
32.9577

 28.4480, -12.5459,
57.4891

 238.9230, 6.9400,
14.0995

 19.4780, -8.1237,
39.0458

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 103.2830, -5.0695,
133.0558

■ 103.2830, -5.0695,
133.0558

■ 86.5560, -5.6971,
147.7254

■ 120.5970, -4.7313,
117.8714

■ 84.5670, -5.7025,
149.4697

■ 137.3240, -4.1037,
103.2019

■ 154.7520, -3.3287,
87.9175

■ 171.4790, -2.7011,
73.2479

■ 188.7930, -2.3629,
58.0635

■ 205.5200, -1.7354,
43.3940

■ 222.8340, -1.3972,
28.2096

■ 239.6750, -0.3328,
13.4400

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.



111.4250, 26.4125, 115.3913



103.2830, -5.0695, 133.0558



118.2660, -49.9241, 99.7447

Triad

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



103.2830, -5.0695, 133.0558



90.5120, -44.1294, -79.3790



116.5330, 68.2642, -102.1994

Complementary

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



103.2830, -5.0695, 133.0558



179.7170, 5.0695, -133.0558

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.



121.0520, 57.6554, -106.1626



103.2830, -5.0695, 133.0558



105.0920, -3.4964, -92.1657

Square

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



103.2830, -5.0695, 133.0558



118.6470, -58.4930, 1.1866



114.8160, 28.6847, -100.6936



103.0320, 74.9202, -90.3591

Rectangle

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



103.2830, -5.0695, 133.0558



122.6200, -60.4517, 69.6163



114.8160, 28.6847, -100.6936



119.4680, 66.8173, -104.7734

Sweetspot

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



103.2830, -5.0695, 133.0558



208.9110, -1.4351, 40.4201



101.4190, 75.7154, 75.0545



100.5130, -1.2389, 24.1061



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.



103.2830, -5.0695, 133.0558



84.5670, -5.7025, 149.4697



122.2880, -46.4840, 116.3884



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

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



103.2830, -5.0695, 133.0558



84.5670, -5.7025, 149.4697



160.7120, 46.4840, -116.3884



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 103.2830, -5.0695, 133.0558 looks on a white background.

Color Contrast Check

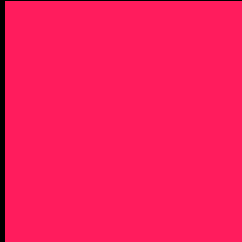
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2830, -5.0695, 133.0558 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 103.2830, -5.0695, 133.0558

Background



This preview shows how black text looks on a background with the YUV color 103.2830, -5.0695, 133.0558.



This preview shows how white text looks on a background with the YUV color 103.2830, -5.0695,

133.0558.

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

103.2830, -5.0695, 133.0558

Protanopia

132.2390, 0.8682, 1.5444

Deuteranopia

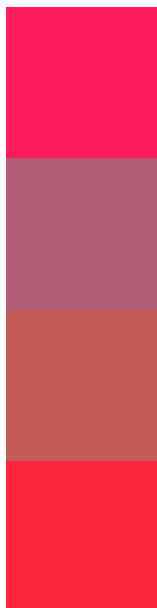
131.1500, -24.2310, 25.3014



Tritanopia

106.3770, -31.2449, 128.5884

Trichromacy



Original Color

103.2830, -5.0695, 133.0558

Protanomaly

121.9660, -1.4622, 49.1418

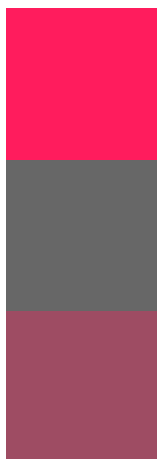
Deuteranomaly

120.9390, -17.2249, 64.9515

Tritanomaly

105.2060, -21.7936, 130.4923

Monochromacy



Original Color

103.2830, -5.0695, 133.0558

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1400, -2.0410, 48.1122

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2830, -5.0695, 133.0558 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, 28, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 93)  
}
```

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, 28, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 93) }
```

Border

The CSS property to change the border of an element to YUV 103.2830, -5.0695, 133.0558 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, 28, 93) }
```


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

```
.border{ border-color:rgb(255, 28, 93) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 103.2830, -5.0695, 133.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 93) }
```

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

```
.background{ background-color: rgb(255, 28,  
93) }
```

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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