

Converting Colors

YUV(99.8270, -6.8167,
133.4557)

Have a look what the booklet for
YUV(99.8270, -6.8167, 133.4557)
contains.

YUV(99.8270, -6.8167, 133.4557)	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(99.8270, -6.8167,
133.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1956
RGB	252, 25, 86
RGB Percent	99%, 10%, 34%
CMY	0.0118, 0.9020, 0.6627
CMYK	0.00, 0.90, 0.66, 0.01
HSL	344°, 97%, 54%
HSV	344°, 90%, 99%
XYZ	42.1722, 22.0626, 10.8399
YIQ	99.8270, 115.7110, 67.0950

Conversions

Conversions Part 2

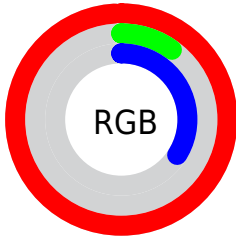
Format	Color
R_{YB}	252, 25, 86
Decimal	16521558
CIE Lab	54.09, 79.23, 28.16
CIE LCh	54, 84.086, 19.564
Yxy	22.0626, 0.5617, 0.2939
Android (android.graphics.Color)	4294711638 (0xFFFC1956)
YUV	99.8270, -6.8167, 133.4557
Hunter-Lab	46.9708, 78.0652, 19.1967

Details

The YUV color **99.8270, -6.8167, 133.4557** 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 **177.1730, 6.8167, -133.4557**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6830, -8.7177, 89.7320**, and **60.7010, -9.2196, 110.7642** is the 20% darker color. If you saturate the color by 10%, you get **83.1000, -7.4443, 148.1253**, and if you desaturate by 10%, it is **116.5540, -6.1891, 118.7861**.

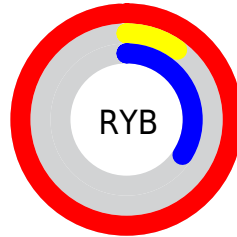
Distribution



Red (99%)

Green (10%)

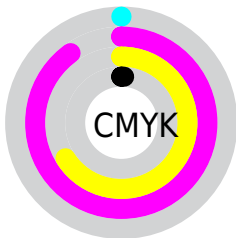
Blue (34%)



Red (99%)

Yellow (10%)

Blue (34%)

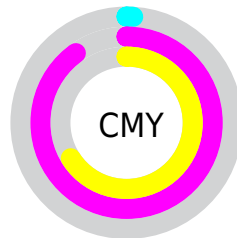


Cyan (0%)

Magenta (90%)

Yellow (66%)

Black (1%)



Cyan (1%)


Magenta (90%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.8270, -6.8167, 133.4557 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 99.8270, -6.8167, 133.4557 by changing the saturation by 10% instead.


 99.8270, -6.8167,
133.4557


 99.8270, -6.8167,
133.4557


255.0000, 0.0000,
0.0000


 72.6630, -4.7639,
128.3375


 152.6830, -8.7177,
89.7320

 60.7010, -9.2196,
110.7642


 173.8440, -6.3321,
71.1738

 48.8530, -13.2385,
93.0909


 194.5320, -3.2203,
53.0304

 36.8910, -17.6943,
75.5176

 215.3340, 0.3283,
34.7871

 27.5510, -12.1036,
55.6448

 236.7230, 3.5876,
16.0289

 18.2820, -7.5340,
36.5867

 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 99.8270, -6.8167,
133.4557

■ 99.8270, -6.8167,
133.4557

■ 83.1000, -7.4443,
148.1253

■ 116.5540, -6.1891,
118.7861

■ 133.3950, -5.1247,
104.0166

■ 150.7090, -4.7865,
88.8322

■ 167.5500, -3.7222,
74.0626

■ 184.2770, -3.0946,
59.3931

■ 201.1180, -2.0302,
44.6235

■ 217.8450, -1.4026,
29.9539

■ 235.1590, -1.0644,
14.7696

■ 252.0000, 0.0000,
0.0000

Harmonies

Analogous

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



103.5830, 26.8276, 122.2687



99.8270, -6.8167, 133.4557



115.0610, -55.7391, 98.1705

Triad

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



99.8270, -6.8167, 133.4557



90.2500, -40.0562, -79.1492



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.



99.8270, -6.8167, 133.4557



177.1730, 6.8167, -133.4557

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.



119.5190, 59.3971, -104.8182



99.8270, -6.8167, 133.4557



104.2600, -1.6072, -91.4360

Square

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



99.8270, -6.8167, 133.4557



115.6680, -57.0243, -3.2168



113.9840, 30.5739, -99.9640



105.4680, 73.7193, -78.4634

Rectangle

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



99.8270, -6.8167, 133.4557



121.4130, -59.8566, 65.4128



113.9840, 30.5739, -99.9640



117.7070, 67.6854, -103.2290

Sweetspot

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



99.8270, -6.8167, 133.4557



208.7970, -1.8719, 40.5200



99.6150, 75.1258, 77.5136



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.



99.8270, -6.8167, 133.4557



84.1110, -7.4497, 149.8697



121.6360, -47.6415, 114.3292



116.3430, -0.1691, 7.5922



62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Inverse Universe

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



99.8270, -6.8167, 133.4557



84.1110, -7.4497, 149.8697



155.3640, 47.6415, -114.3292



116.3430, -0.1691, 7.5922



62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 99.8270, -6.8167, 133.4557 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 99.8270, -6.8167, 133.4557 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 99.8270, -6.8167, 133.4557

Background



This preview shows how black text looks on a background with the YUV color 99.8270, -6.8167, 133.4557.



This preview shows how white text looks on a background with the YUV color 99.8270, -6.8167,

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

99.8270, -6.8167, 133.4557

Protanopia

129.7400, -2.3368, 2.8590

Deuteranopia

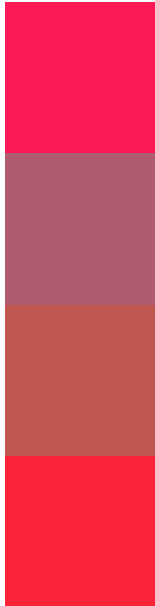
128.5800, -26.4149, 25.8013



Tritanopia

103.4480, -32.2659, 129.4031

Trichromacy



Original Color

99.8270, -6.8167, 133.4557

Protanomaly

118.6950, -3.7936, 50.2565

Deuteranomaly

118.0700, -19.2615, 64.8366

Tritanomaly

101.8640, -23.1040, 130.7923

Monochromacy



Original Color

99.8270, -6.8167, 133.4557

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0260, -2.4778, 48.2122

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8270, -6.8167, 133.4557 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(252, 25, 86)` looks like.

```
.text, #text, p{  
    color:rgb(252, 25, 86)  
}
```

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(252, 25, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 25, 86) }
```

Border

The CSS property to change the border of an element to YUV 99.8270, -6.8167, 133.4557 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(252, 25, 86) }
```


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

```
.border{ border-color:rgb(252, 25, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 25, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 25, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 25, 86);  
box-shadow:4px 4px 4px 4px rgb(252, 25,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 99.8270, -6.8167, 133.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 25, 86) }
```

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

```
.background{ background-color: rgb(252, 25,  
86) }
```

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