

Converting Colors

YUV(137.1710, -2.0563,
99.8280)

Have a look what the booklet for
YUV(137.1710, -2.0563, 99.8280)
contains.

YUV(137.1710, -2.0563, 99.8280)	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(137.1710, -2.0563,
99.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5085
RGB	251, 80, 133
RGB Percent	98%, 31%, 52%
CMY	0.0157, 0.6863, 0.4784
CMYK	0.00, 0.68, 0.47, 0.02
HSL	341°, 96%, 65%
HSV	341°, 68%, 98%
XYZ	46.8860, 27.9400, 25.1121
YIQ	137.1710, 84.9030, 52.7350

Conversions

Conversions Part 2

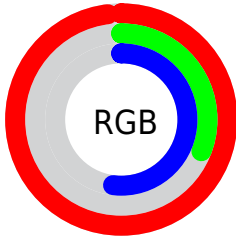
Format	Color
R_{YB}	251, 80, 133
Decimal	16470149
CIE _{Lab}	59.83, 68.19, 8.10
CIE _{LCh}	60, 68.674, 6.772
Yxy	27.9400, 0.4692, 0.2796
Android (android.graphics.Color)	4294660229 (0xFFFB5085)
YUV	137.1710, -2.0563, 99.8280
Hunter-Lab	52.8583, 65.8296, 8.8331

Details

The YUV color **137.1710, -2.0563, 99.8280** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **193.8290, 2.0563, -99.8280**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0420, 3.4303, 66.6152**, and **66.0870, 8.8311, 107.7947** is the 20% darker color. If you saturate the color by 10%, you get **120.5580, -2.2471, 114.3976**, and if you desaturate by 10%, it is **153.7840, -1.8655, 85.2584**.

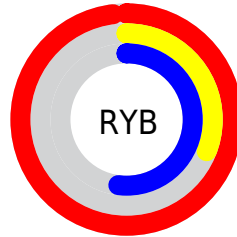
Distribution



Red (98%)

Green (31%)

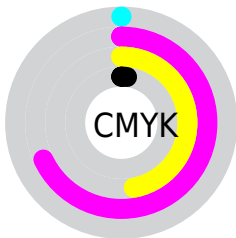
Blue (52%)



Red (98%)

Yellow (31%)

Blue (52%)

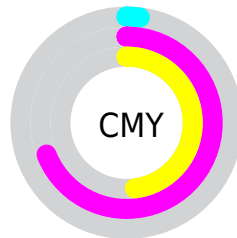


Cyan (0%)

Magenta (68%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (69%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.1710, -2.0563, 99.8280 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 137.1710, -2.0563, 99.8280 by changing the saturation by 10% instead.

 137.1710, -2.0563,
99.8280

 137.1710, -2.0563,
99.8280


255.0000, 0.0000,
0.0000


 105.6810, 1.1433,
100.2578


 179.0420, 3.4303,
66.6152

 66.0870, 8.8311,
107.7947


 199.2570, 7.2683,
48.8866


 54.1960, 3.3544,
91.0361

 219.4720, 11.1063,
31.1581

 42.8320, -1.3962,
74.6923

 238.5640, 8.1029,
14.4144

 31.4680, -6.1467,
58.3486

 21.6850, -8.7187,
43.2493

 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 137.1710, -2.0563,
99.8280

■ 137.1710, -2.0563,
99.8280

■ 120.5580, -2.2471,
114.3976

■ 153.7840, -1.8655,
85.2584

■ 103.8310, -2.8747,
129.0672

■ 170.5110, -1.2379,
70.5889

■ 87.2180, -3.0655,
143.6368

■ 187.1240, -1.0471,
56.0193

■ 83.9410, -2.9289,
146.5107

■ 203.7370, -0.8563,
41.4497

■ 220.4640, -0.2288,
26.7801

237.6640, -0.3274,
11.6957

253.6900, 0.1528,
-2.3591

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



144.4660, 23.9273, 72.3823



137.1710, -2.0563, 99.8280



137.5590, -30.8416, 92.4718

Triad

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



137.1710, -2.0563, 99.8280



126.9730, -46.3287, -27.1633



124.7510, 64.2128, -109.4066

Complementary

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



137.1710, -2.0563, 99.8280



193.8290, 2.0563, -99.8280

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.



124.8870, 44.4257, -109.5259



137.1710, -2.0563, 99.8280



109.9190, -7.8481, -96.3990

Square

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



137.1710, -2.0563, 99.8280



133.5420, -65.8362, 23.2037



118.8620, 18.8020, -104.2420



115.3590, 68.8430, -101.1698

Rectangle

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



137.1710, -2.0563, 99.8280



138.0410, -48.8272, 74.5090



118.8620, 18.8020, -104.2420



125.3720, 58.9766, -109.9512

Sweetspot

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



137.1710, -2.0563, 99.8280



221.0730, -0.5290, 29.7540



134.4770, 57.4458, 54.8327



107.2950, -0.6384, 18.1583



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.



137.1710, -2.0563, 99.8280



115.9010, -2.4162, 121.9898



149.3260, -34.1777, 89.1681



116.3430, -0.1691, 7.5922



63.1230, -2.5256, 110.3941



20.4050, -0.6927, 35.6018

Inverse Universe

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



137.1710, -2.0563, 99.8280



115.9010, -2.4162, 121.9898



181.6740, 34.1777, -89.1681



116.3430, -0.1691, 7.5922



63.1230, -2.5256, 110.3941



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 137.1710, -2.0563, 99.8280 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 137.1710, -2.0563, 99.8280 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 137.1710, -2.0563, 99.8280

Background



This preview shows how black text looks on a background with the YUV color 137.1710, -2.0563, 99.8280.



This preview shows how white text looks on a background with the YUV color 137.1710, -2.0563,

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

137.1710, -2.0563, 99.8280

Protanopia

145.0670, 11.7990, -4.4438

Deuteranopia

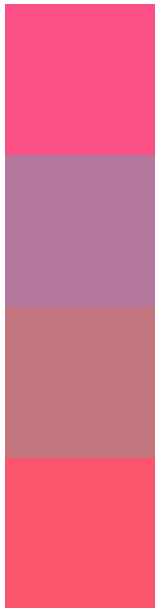
145.1780, -9.9478, 17.3839



Tritanopia

136.8230, -21.1117, 98.3792

Trichromacy



Original Color

137.1710, -2.0563, 99.8280

Protanomaly

142.0440, 6.8803, 33.2874

Deuteranomaly

142.4620, -7.1298, 46.9528

Tritanomaly

136.9570, -14.2758, 99.1387

Monochromacy



Original Color

137.1710, -2.0563, 99.8280

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8180, -0.4033, 36.1166

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1710, -2.0563, 99.8280 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(251, 80, 133)` looks like.

```
.text, #text, p{  
    color:rgb(251, 80, 133)  
}
```

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(251, 80, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 80, 133) }
```

Border

The CSS property to change the border of an element to YUV 137.1710, -2.0563, 99.8280 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(251, 80, 133) }
```


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

```
.border{ border-color:rgb(251, 80, 133) }
```

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

Here you see how a box with a 4 pixel rgb(251, 80, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 80, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 80, 133);  
box-shadow:4px 4px 4px 4px rgb(251, 80,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 137.1710, -2.0563, 99.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 80, 133) }
```

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

```
.background{ background-color: rgb(251, 80,  
133) }
```

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