

Converting Colors

YUV(136.1840, -8.4717,
104.2016)

Have a look what the booklet for
YUV(136.1840, -8.4717, 104.2016)
contains.

YUV(136.1840, -8.4717, 104.2016)	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(136.1840, -8.4717,
104.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4F77
RGB	255, 79, 119
RGB Percent	100%, 31%, 47%
CMY	0.0000, 0.6902, 0.5333
CMYK	0.00, 0.69, 0.53, 0.00
HSL	346°, 100%, 65%
HSV	346°, 69%, 100%
XYZ	47.3658, 28.1839, 20.3963
YIQ	136.1840, 92.0560, 49.7520

Conversions

Conversions Part 2

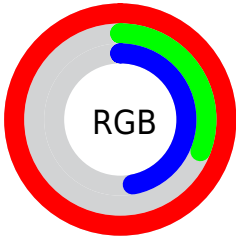
Format	Color
R_{YB}	255, 79, 119
Decimal	16732023
CIE Lab	60.05, 68.59, 16.69
CIE LCh	60, 70.592, 13.678
Yxy	28.1839, 0.4937, 0.2937
Android (android.graphics.Color)	4294922103 (0xFFFF4F77)
YUV	136.1840, -8.4717, 104.2016
Hunter-Lab	53.0885, 66.3535, 14.3830

Details

The YUV color **136.1840, -8.4717, 104.2016** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **197.8160, 8.4717, -104.2016**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7450, -2.8323, 68.6296**, and **65.5020, 2.7105, 110.9387** is the 20% darker color. If you saturate the color by 10%, you get **119.2290, -9.9729, 119.0712**, and if you desaturate by 10%, it is **153.7260, -7.2599, 88.8173**.

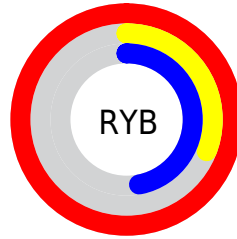
Distribution



Red (100%)

Green (31%)

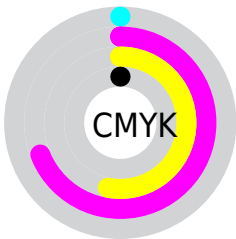
Blue (47%)



Red (100%)

Yellow (31%)

Blue (47%)

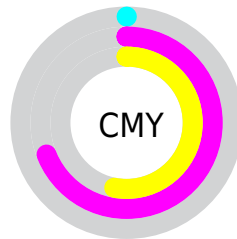


Cyan (0%)

Magenta (69%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1840, -8.4717, 104.2016 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 136.1840, -8.4717, 104.2016 by changing the saturation by 10% instead.

 136.1840, -8.4717,
104.2016

 136.1840, -8.4717,
104.2016


255.0000, 0.0000,
0.0000

 103.8080, -4.8353,
104.5314


 176.7450, -2.8323,
68.6296

 65.5020, 2.7105,
110.9387


 196.8460, 0.5689,
51.0011


 53.7250, -2.3294,
94.0802

 217.6480, 4.1175,
32.7577

 42.1760, -6.4958,
77.0216

 238.5640, 8.1029,
14.4144

 30.1280, -13.8671,
61.2777

 21.9840, -8.8661,
43.8640

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 136.1840, -8.4717,
104.2016

■ 136.1840, -8.4717,
104.2016

■ 119.2290, -9.9729,
119.0712

■ 153.7260, -7.2599,
88.8173

■ 101.8010,
-10.7479, 134.3555

■ 170.5670, -6.1955,
74.0477

■ 84.8460, -12.2491,
149.2251

■ 188.1090, -4.9837,
58.6634

■ 82.8570, -12.2545,
150.9694

■ 205.0640, -3.4826,
43.7939

■ 222.6060, -2.2708,
28.4095

■ 239.4470, -1.2064,
13.6400

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.



142.2780, 19.0899, 83.9482



136.1840, -8.4717, 104.2016



138.0010, -37.9615, 89.4531

Triad

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



136.1840, -8.4717, 104.2016



123.1110, -39.0017, -43.9473



123.5770, 64.7915, -108.3770

Complementary

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



136.1840, -8.4717, 104.2016



197.8160, 8.4717, -104.2016

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.



126.5970, 50.9777, -111.0256



136.1840, -8.4717, 104.2016



112.5750, -2.7485, -98.7283

Square

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



136.1840, -8.4717, 104.2016



132.5900, -65.3669, 12.6376



121.1590, 25.0646, -106.2564



127.9720, 62.6248, -66.6274

Rectangle

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



136.1840, -8.4717, 104.2016



137.3040, -57.8309, 69.0164



121.1590, 25.0646, -106.2564



125.9250, 63.6340, -110.4362

Sweetspot

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



136.1840, -8.4717, 104.2016



218.6280, -2.2816, 31.8982



139.4290, 56.9765, 65.3988



106.3660, -1.6594, 18.9730



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.



136.1840, -8.4717, 104.2016



111.8600, -10.2840, 125.5338



159.2130, -39.5450, 84.0052



119.2290, -0.6059, 7.6922



62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Inverse Universe

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



136.1840, -8.4717, 104.2016



111.8600, -10.2840, 125.5338



174.7870, 39.5450, -84.0052



119.2290, -0.6059, 7.6922



62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 136.1840, -8.4717, 104.2016 looks on a white background.

Color Contrast Check

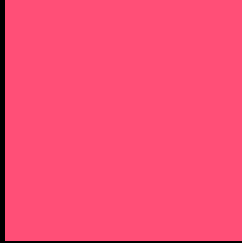
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1840, -8.4717, 104.2016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

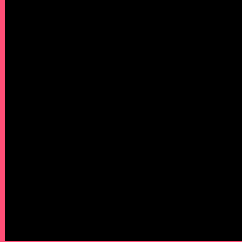
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.1840, -8.4717, 104.2016

Background



This preview shows how black text looks on a background with the YUV color 136.1840, -8.4717, 104.2016.



This preview shows how white text looks on a background with the YUV color 136.1840, -8.4717,

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

136.1840, -8.4717, 104.2016

Protanopia

145.5100, 3.1996, 0.4297

Deuteranopia

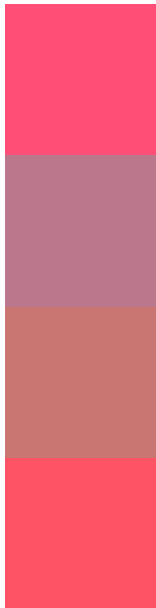
144.9630, -17.2368, 21.9574



Tritanopia

135.8020, -22.5804, 102.7826

Trichromacy



Original Color

136.1840, -8.4717, 104.2016

Protanomaly

142.0140, -0.9929, 38.5757

Deuteranomaly

141.6600, -14.1294, 52.0412

Tritanomaly

136.1810, -17.3442, 103.3273

Monochromacy



Original Color

136.1840, -8.4717, 104.2016

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8460, -2.8821, 37.8461

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1840, -8.4717, 104.2016 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, 79, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 119)  
}
```

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, 79, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 119) }
```

Border

The CSS property to change the border of an element to YUV 136.1840, -8.4717, 104.2016 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, 79, 119) }
```


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

```
.border{ border-color:rgb(255, 79, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 136.1840, -8.4717, 104.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 119) }
```

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

```
.background{ background-color: rgb(255, 79,  
119) }
```

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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