

Converting Colors

YUV(136.6420, 44.0535,
103.8000)

Have a look what the booklet for
YUV(136.6420, 44.0535, 103.8000)
contains.

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Color

**YUV(136.6420, 44.0535,
103.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3BE2
RGB	255, 59, 226
RGB Percent	100%, 23%, 89%
CMY	0.0000, 0.7686, 0.1137
CMYK	0.00, 0.77, 0.11, 0.00
HSL	309°, 100%, 62%
HSV	309°, 77%, 100%
XYZ	56.5314, 29.8789, 74.7392
YIQ	136.6420, 63.2090, 93.4890

Conversions

Conversions Part 2

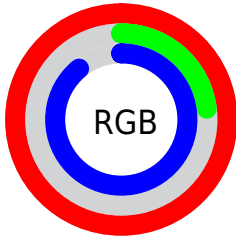
Format	Color
R_{YB}	255, 59, 226
Decimal	16727010
CIE _{Lab}	61.55, 86.22, -42.72
CIE _{LCh}	62, 96.225, 333.644
Yxy	29.8789, 0.3508, 0.1854
Android (android.graphics.Color)	4294917090 (0xFFFF3BE2)
YUV	136.6420, 44.0535, 103.8000
Hunter-Lab	54.6616, 88.9482, -42.8045

Details

The YUV color **136.6420, 44.0535, 103.8000** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **177.3580, -44.0535, -103.8000**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **77.3860, 45.6587, 102.2705** is the 20% darker color. If you saturate the color by 10%, you get **120.9240, 49.8305, 117.5847**, and if you desaturate by 10%, it is **152.3600, 38.2765, 90.0153**.

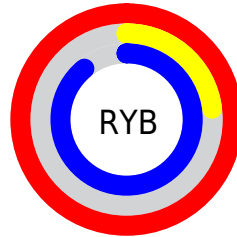
Distribution



Red (100%)

Green (23%)

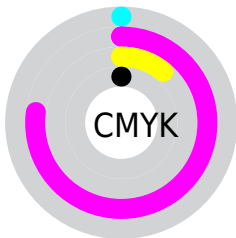
Blue (89%)



Red (100%)

Yellow (23%)

Blue (89%)

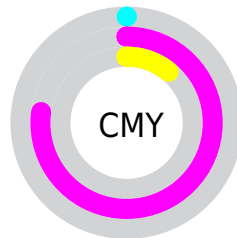


Cyan (0%)

Magenta (77%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6420, 44.0535, 103.8000 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 136.6420, 44.0535, 103.8000 by changing the saturation by 10% instead.


 136.6420, 44.0535,
103.8000


 136.6420, 44.0535,
103.8000


255.0000, 0.0000,
0.0000


 89.5480, 53.4668,
117.9144


 179.2770, 37.3314,
66.4091


 77.3860, 45.6587,
102.2705


 197.4740, 28.3603,
50.4503


 65.3380, 38.2874,
86.5266


 215.6710, 19.3892,
34.4915

 53.4040, 31.3528,
70.6827

 233.2810, 10.7075,
19.0476

 41.8830, 24.7077,
55.3536

 251.4780, 1.7363,
3.0888

 31.0740, 18.2045,
41.1541

 19.3680, 12.1436,

25.1103

■ 4.0030, 8.8725,
0.8744

■ 0.0000, 0.0000,
0.0000

■ 136.6420, 44.0535,
103.8000

■ 136.6420, 44.0535,
103.8000

■ 120.9240, 49.8305,
117.5847

■ 152.3600, 38.2765,
90.0153

■ 105.7930, 55.3181,
130.8545

■ 167.4910, 32.7889,
76.7454

■ 100.9830, 57.1964,
135.0729

■ 183.0950, 26.5752,
63.0607

■ 198.2260, 21.0876,
49.7908

■ 213.9440, 15.3106,
36.0061

■ 229.0750, 9.8230,
22.7362

■ 244.6790, 3.6093,
9.0515

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.



144.9580, 54.2507, 6.1758



136.6420, 44.0535, 103.8000



92.4330, 24.4365, 142.5713

Triad

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



136.6420, 44.0535, 103.8000



138.5920, -68.3259, 28.4218



135.5960, 52.4572, -118.9177

Complementary

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



136.6420, 44.0535, 103.8000



177.3580, -44.0535, -103.8000

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.



125.3190, 15.6187, -109.9048



136.6420, 44.0535, 103.8000



122.5250, -60.4048, -39.0484

Square

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



136.6420, 44.0535, 103.8000



137.4930, -67.7840, 88.1446



112.5970, -22.9723, -98.7476



132.9690, 60.1613, -116.6138

Rectangle

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



136.6420, 44.0535, 103.8000



101.4250, -7.1115, 134.6853



112.5970, -22.9723, -98.7476



132.5180, 40.6636, -116.2183

Sweetspot

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



136.6420, 44.0535, 103.8000



219.3410, 13.1429, 31.2729



89.1180, 81.7798, -3.6115



106.1840, 7.7973, 19.1326



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.



136.6420, 44.0535, 103.8000



113.0650, 52.7190, 124.4770



125.8120, 2.5577, 113.2979



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Inverse Universe

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



136.6420, 44.0535, 103.8000



113.0650, 52.7190, 124.4770



188.1880, -2.5577, -113.2979



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 136.6420, 44.0535, 103.8000 looks on a white background.

Color Contrast Check

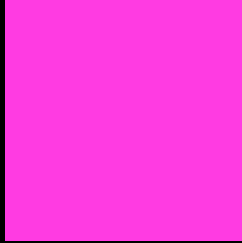
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6420, 44.0535, 103.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

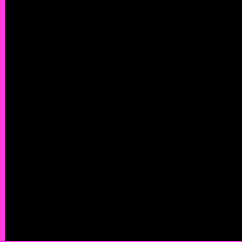
Any Text WCAG AA ✓ Pass

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 136.6420, 44.0535, 103.8000 Background



This preview shows how black text looks on a background with the YUV color 136.6420, 44.0535, 103.8000.



This preview shows how white text looks on a background with the YUV color 136.6420, 44.0535, 103.8000.

103.8000.

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

136.6420, 44.0535, 103.8000

Protanopia

143.7860, 54.8285, -39.2773

Deuteranopia

147.4620, 32.8032, -21.4532



Tritanopia

145.1420, -18.3110, 86.6985

Trichromacy



Original Color

136.6420, 44.0535, 103.8000



Protanomaly

141.3780, 50.5926, 12.8235



Deuteranomaly

143.4860, 36.7354, 24.1298



Tritanomaly

141.8480, 4.5119, 93.0953

Monochromacy



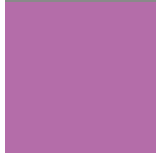
Original Color

136.6420, 44.0535, 103.8000



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.0690, 15.7420, 37.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6420, 44.0535, 103.8000 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, 59, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 226)  
}
```

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, 59, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 226) }
```

Border

The CSS property to change the border of an element to YUV 136.6420, 44.0535, 103.8000 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, 59, 226) }
```


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

```
.border{ border-color:rgb(255, 59, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 136.6420, 44.0535, 103.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 226) }
```

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

```
.background{ background-color: rgb(255, 59,  
226) }
```

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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