

Converting Colors

YUV(138.1580, 44.7851,
102.4704)

Have a look what the booklet for
YUV(138.1580, 44.7851, 102.4704)
contains.

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Color

**YUV(138.1580, 44.7851,
102.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3DE5
RGB	255, 61, 229
RGB Percent	100%, 24%, 90%
CMY	0.0000, 0.7608, 0.1020
CMYK	0.00, 0.76, 0.10, 0.00
HSL	308°, 100%, 62%
HSV	308°, 76%, 100%
XYZ	57.0516, 30.2546, 76.9615
YIQ	138.1580, 61.6960, 93.3760

Conversions

Conversions Part 2

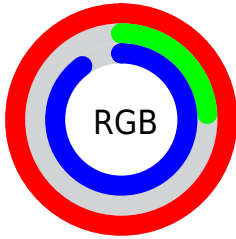
Format	Color
R _Y B	255, 61, 229
Decimal	16727525
CIE Lab	61.87, 86.11, -43.89
CIE LCh	62, 96.654, 332.992
Yxy	30.2546, 0.3473, 0.1842
Android (android.graphics.Color)	4294917605 (0xFFFF3DE5)
YUV	138.1580, 44.7851, 102.4704
Hunter-Lab	55.0042, 88.8868, -44.4552

Details

The YUV color **138.1580, 44.7851, 102.4704** 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 **177.8420, -44.7851, -102.4704**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4510, 36.7527, 65.3795**, and **77.7280, 46.9691, 101.9705** is the 20% darker color. If you saturate the color by 10%, you get **122.5540, 50.9989, 116.1551**, and if you desaturate by 10%, it is **153.7620, 38.5713, 88.7857**.

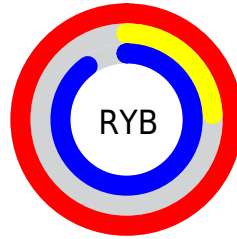
Distribution



Red (100%)

Green (24%)

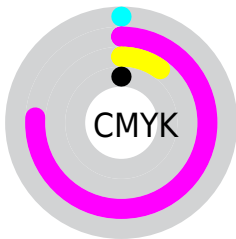
Blue (90%)



Red (100%)

Yellow (24%)

Blue (90%)

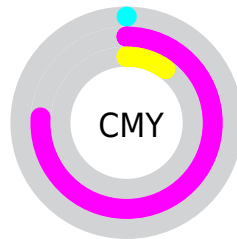


Cyan (0%)

Magenta (76%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.1580, 44.7851, 102.4704 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 138.1580, 44.7851, 102.4704 by changing the saturation by 10% instead.


 138.1580, 44.7851,
102.4704


 138.1580, 44.7851,
102.4704


255.0000, 0.0000,
0.0000


 89.8900, 54.7772,
117.6145


 180.4510, 36.7527,
65.3795


 77.7280, 46.9691,
101.9705


 198.0610, 28.0709,
49.9355


 65.6800, 39.5978,
86.2266


 216.2580, 19.0998,
33.9767

 53.7460, 32.6632,
70.3828

 233.8680, 10.4181,
18.5328

 42.1110, 25.5813,
55.1537

 252.0650, 1.4470,
2.5740

 31.3020, 19.0781,
40.9541

 19.7100, 13.4540,

24.8103

■ 4.6440, 10.0355,
1.1892

■ 0.0000, 0.0000,
0.0000

■ 138.1580, 44.7851,
102.4704

■ 138.1580, 44.7851,
102.4704

■ 122.5540, 50.9989,
116.1551

■ 153.7620, 38.5713,
88.7857

■ 107.4230, 56.4865,
129.4250

■ 168.8930, 33.0838,
75.5158

■ 101.4390, 58.9436,
134.6730

■ 184.4970, 26.8700,
61.8311

■ 199.6280, 21.3824,
48.5612

215.2320, 15.1686,
34.8765

230.3630, 9.6810,
21.6066

245.9670, 3.4673,
7.9219

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.



144.6480, 54.4035, 3.8167



138.1580, 44.7851, 102.4704



92.7750, 25.7469, 142.2713

Triad

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



138.1580, 44.7851, 102.4704



139.4890, -68.7681, 30.2661



136.1830, 52.1678, -119.4325

Complementary

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



138.1580, 44.7851, 102.4704



177.8420, -44.7851, -102.4704

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.



125.7920, 14.8925, -110.3196



138.1580, 44.7851, 102.4704



124.3080, -61.2838, -37.1041

Square

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



138.1580, 44.7851, 102.4704



138.0910, -68.0789, 89.3742



112.9560, -24.1353, -99.0624



133.5560, 59.8719, -117.1286

Rectangle

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



138.1580, 44.7851, 102.4704



99.8920, -5.3698, 136.0297



112.9560, -24.1353, -99.0624



133.1050, 40.3742, -116.7331

Sweetspot

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



138.1580, 44.7851, 102.4704



219.4550, 13.5797, 31.1730



90.8900, 80.9062, -3.4115



106.2980, 8.2341, 19.0327



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.



138.1580, 44.7851, 102.4704



115.2820, 53.5980, 122.5327



127.1000, 2.4157, 112.1683



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Inverse Universe

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



138.1580, 44.7851, 102.4704



115.2820, 53.5980, 122.5327



188.9000, -2.4157, -112.1683



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 138.1580, 44.7851, 102.4704 looks on a white background.

Color Contrast Check

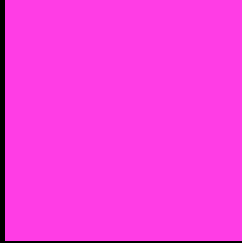
Large Text (above 18pt) WCAG AA × Fail

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 138.1580, 44.7851, 102.4704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

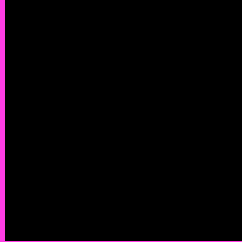
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.1580, 44.7851, 102.4704 Background



This preview shows how black text looks on a background with the YUV color 138.1580, 44.7851, 102.4704.



This preview shows how white text looks on a background with the YUV color 138.1580, 44.7851, 102.4704.

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

138.1580, 44.7851, 102.4704

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

148.3910, 33.8242, -22.2679



Tritanopia

146.2450, -17.8688, 84.8541

Trichromacy



Original Color

138.1580, 44.7851, 102.4704



Protanomaly

142.4920, 51.0294, 12.7235



Deuteranomaly

144.4150, 37.7564, 23.3150



Tritanomaly

142.9510, 4.9542, 91.2510

Monochromacy



Original Color

138.1580, 44.7851, 102.4704



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.1830, 16.1788, 37.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1580, 44.7851, 102.4704 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, 61, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 229)  
}
```

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, 61, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 229) }
```

Border

The CSS property to change the border of an element to YUV 138.1580, 44.7851, 102.4704 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, 61, 229) }
```


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

```
.border{ border-color:rgb(255, 61, 229) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 138.1580, 44.7851, 102.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 229) }
```

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

```
.background{ background-color: rgb(255, 61,  
229) }
```

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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