

Converting Colors

YUV(138.8930, 39.9858,
101.8258)

Have a look what the booklet for
YUV(138.8930, 39.9858, 101.8258)
contains.

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Color

**YUV(138.8930, 39.9858,
101.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	FF40DC
RGB	255, 64, 220
RGB Percent	100%, 25%, 86%
CMY	0.0000, 0.7490, 0.1373
CMYK	0.00, 0.75, 0.14, 0.00
HSL	311°, 100%, 63%
HSV	311°, 75%, 100%
XYZ	55.9917, 30.0941, 70.5678
YIQ	138.8930, 63.7600, 89.0080

Conversions

Conversions Part 2

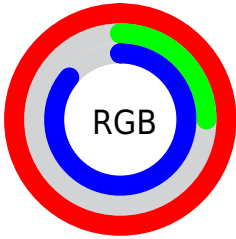
Format	Color
R _{YB}	255, 64, 220
Decimal	16728284
CIE _{Lab}	61.74, 84.08, -39.05
CIE _{LCh}	62, 92.707, 335.086
Yxy	30.0941, 0.3574, 0.1921
Android (android.graphics.Color)	4294918364 (0xFFFF40DC)
YUV	138.8930, 39.9858, 101.8258
Hunter-Lab	54.8581, 86.1868, -37.8682

Details

The YUV color **138.8930, 39.9858, 101.8258** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **180.1070, -39.9858, -101.8258**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6250, 36.1739, 64.3499**, and **76.7020, 43.0379, 102.8703** is the 20% darker color. If you saturate the color by 10%, you get **123.0610, 45.3259, 115.7105**, and if you desaturate by 10%, it is **154.7250, 34.6456, 87.9412**.

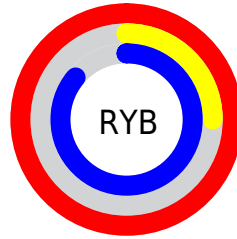
Distribution



Red (100%)

Green (25%)

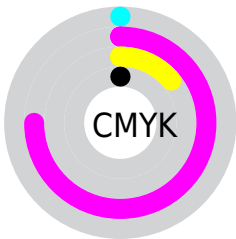
Blue (86%)



Red (100%)

Yellow (25%)

Blue (86%)

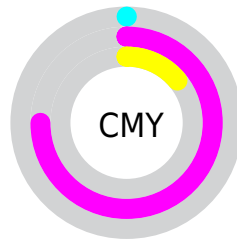


Cyan (0%)

Magenta (75%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (75%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.8930, 39.9858, 101.8258 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 138.8930, 39.9858, 101.8258 by changing the saturation by 10% instead.


 138.8930, 39.9858,
101.8258


 138.8930, 39.9858,
101.8258


255.0000, 0.0000,
0.0000

 94.7340, 47.9521,
113.3663


 181.6250, 36.1739,
64.3499

 76.7020, 43.0379,
102.8703


 199.2350, 27.4921,
48.9059

 64.7680, 36.1034,
87.0265


 216.8450, 18.8104,
33.4619

 53.1330, 29.0214,
71.7974

 235.0420, 9.8393,
17.5032

 41.3130, 22.5237,
55.8535

 252.6520, 1.1576,
2.0592

 30.5040, 16.0205,
41.6540

 19.2110, 10.2490,

26.1250

■ 3.4330, 6.6885,
1.3743

■ 0.0000, 0.0000,
0.0000

■ 138.8930, 39.9858,
101.8258

■ 138.8930, 39.9858,
101.8258

■ 123.0610, 45.3259,
115.7105

■ 154.7250, 34.6456,
87.9412

■ 107.9300, 50.8135,
128.9804

■ 169.8560, 29.1580,
74.6713

■ 99.9570, 53.2652,
135.9727

■ 185.6880, 23.8178,
60.7866

■ 200.9330, 18.7670,
47.4168

216.6510, 12.9901,
33.6321

231.8960, 7.9393,
20.2622

247.7280, 2.5991,
6.3775

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.



146.7630, 53.3608, 11.6088



138.8930, 39.9858, 101.8258



93.2650, 22.5474, 141.8416

Triad

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



138.8930, 39.9858, 101.8258



138.8690, -68.4624, 25.5479



135.0090, 52.7466, -118.4029

Complementary

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



138.8930, 39.9858, 101.8258



180.1070, -39.9858, -101.8258

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.



125.7750, 17.3659, -110.3047



138.8930, 39.9858, 101.8258



123.1120, -60.6942, -39.5632

Square

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



138.8930, 39.9858, 101.8258



138.6450, -68.3520, 83.6263



113.5090, -19.4779, -99.5474



132.3820, 60.4507, -116.0990

Rectangle

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



138.8930, 39.9858, 101.8258



113.0510, -13.3361, 124.4893



113.5090, -19.4779, -99.5474



132.7460, 41.5372, -116.4182

Sweetspot

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



138.8930, 39.9858, 101.8258



220.9880, 11.8379, 29.8285



95.3420, 78.7114, 0.5771



107.2440, 6.7817, 18.2030



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.



138.8930, 39.9858, 101.8258



115.2020, 48.2144, 122.6028



128.4050, -0.1997, 111.0238



120.0270, 2.4517, 6.9923



74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Inverse Universe

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



138.8930, 39.9858, 101.8258



115.2020, 48.2144, 122.6028



190.5950, 0.1997, -111.0238



120.0270, 2.4517, 6.9923



74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 138.8930, 39.9858, 101.8258 looks on a white background.

Color Contrast Check

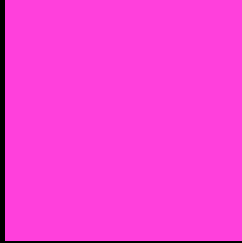
Large Text (above 18pt) WCAG AA × Fail

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 138.8930, 39.9858, 101.8258 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 138.8930, 39.9858, 101.8258 Background



This preview shows how black text looks on a background with the YUV color 138.8930, 39.9858, 101.8258.



This preview shows how white text looks on a background with the YUV color 138.8930, 39.9858,

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

138.8930, 39.9858, 101.8258

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

149.1590, 29.0086, -17.6794



Tritanopia

145.2560, -17.8742, 86.5985

Trichromacy



Original Color

138.8930, 39.9858, 101.8258



Protanomaly

142.6230, 48.9929, 12.6086



Deuteranomaly

145.1720, 32.9462, 26.1592



Tritanomaly

142.7940, 3.0596, 92.2657

Monochromacy



Original Color

138.8930, 39.9858, 101.8258



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.0150, 14.2896, 36.8208

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8930, 39.9858, 101.8258 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, 64, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 220)  
}
```

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, 64, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 220) }
```

Border

The CSS property to change the border of an element to YUV 138.8930, 39.9858, 101.8258 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, 64, 220) }
```


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

```
.border{ border-color:rgb(255, 64, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 138.8930, 39.9858, 101.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 220) }
```

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

```
.background{ background-color: rgb(255, 64,  
220) }
```

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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