

Converting Colors

YUV(96.6220, 27.7944,
138.8975)

Have a look what the booklet for
YUV(96.6220, 27.7944, 138.8975)
contains.

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Color

**YUV(96.6220, 27.7944,
138.8975)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0599
RGB	255, 5, 153
RGB Percent	100%, 2%, 60%
CMY	0.0000, 0.9804, 0.4000
CMYK	0.00, 0.98, 0.40, 0.00
HSL	324°, 100%, 51%
HSV	324°, 98%, 100%
XYZ	47.0440, 23.6684, 32.2260
YIQ	96.6220, 101.4920, 99.0280

Conversions

Conversions Part 2

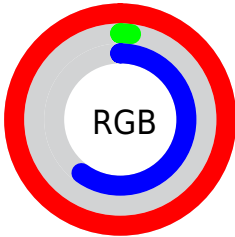
Format	Color
RYB	255, 5, 153
Decimal	16713113
CIELab	55.75, 86.23, -9.57
CIELCh	56, 86.755, 353.667
Yxy	23.6684, 0.4570, 0.2299
Android (android.graphics.Color)	4294903193 (0xFFFF0599)
YUV	96.6220, 27.7944, 138.8975
Hunter-Lab	48.6502, 87.4689, -5.2186

Details

The YUV color **96.6220, 27.7944, 138.8975** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **163.3780, -27.7944, -138.8975**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1300, 23.5999, 84.0780**, and **69.0360, 16.2513, 107.8394** is the 20% darker color. If you saturate the color by 10%, you get **93.4590, 28.3677, 141.6715**, and if you desaturate by 10%, it is **113.0240, 24.6382, 124.5130**.

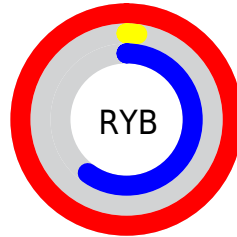
Distribution



Red (100%)

Green (2%)

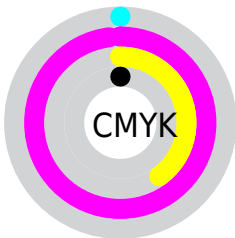
Blue (60%)



Red (100%)

Yellow (2%)

Blue (60%)

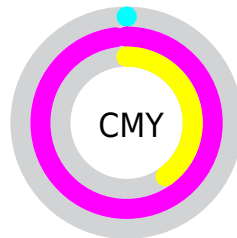


Cyan (0%)

Magenta (98%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6220, 27.7944, 138.8975 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 96.6220, 27.7944, 138.8975 by changing the saturation by 10% instead.

96.6220, 27.7944,
138.8975

96.6220, 27.7944,
138.8975

255.0000, 0.0000,
0.0000

81.1550, 22.6016,
124.3981

159.1300, 23.5999,
84.0780

69.0360, 16.2513,
107.8394

181.6930, 26.2804,
64.2902

57.0310, 10.3377,
91.1808

202.1700, 26.0452,
46.3319

45.1400, 4.8610,
74.4222

219.7800, 17.3635,
30.8879

33.7760, 0.1104,
58.0784

237.9770, 8.3923,
14.9292

22.2550, -6.5347,
42.7494

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 96.6220, 27.7944,
138.8975

■ 96.6220, 27.7944,
138.8975

■ 93.4590, 28.3677,
141.6715

■ 113.0240, 24.6382,
124.5130

■ 128.9530, 22.2082,
110.5432

■ 145.3550, 19.0520,
96.1587

■ 161.2840, 16.6220,
82.1889

■ 177.6860, 13.4658,
67.8044

■ 193.5010, 10.5990,
53.9346

■ 210.0170, 7.8796,
39.4501

■ 225.8320, 5.0128,
25.5803

■ 242.3480, 2.2934,
11.0958

Harmonies

Analogous

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



131.7420, 45.4832, 65.1243



96.6220, 27.7944, 138.8975



104.6220, -12.6316, 131.8815

Triad

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



96.6220, 27.7944, 138.8975



117.3850, -57.8708, -11.7386



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.



96.6220, 27.7944, 138.8975



163.3780, -27.7944, -138.8975

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.



118.7430, 36.1157, -104.1376



96.6220, 27.7944, 138.8975



96.5250, -33.7828, -84.6524

Square

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



96.6220, 27.7944, 138.8975



125.9990, -62.1175, 43.8509



109.3780, 2.7716, -95.9245



115.9460, 68.5536, -101.6846

Rectangle

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



96.6220, 27.7944, 138.8975



118.2870, -45.0045, 108.4963



109.3780, 2.7716, -95.9245



122.6990, 56.3504, -107.6070

Sweetspot

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



96.6220, 27.7944, 138.8975



208.1420, 8.3110, 41.0945



63.4000, 94.4588, 36.4832



99.4190, 4.7234, 25.0655



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.



96.6220, 27.7944, 138.8975



93.4590, 28.3677, 141.6715



82.6000, -25.9318, 151.1948



119.6850, 1.1413, 7.2923



69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Inverse Universe

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



96.6220, 27.7944, 138.8975



93.4590, 28.3677, 141.6715



177.4000, 25.9318, -151.1948



119.6850, 1.1413, 7.2923



69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 96.6220, 27.7944, 138.8975 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 96.6220, 27.7944, 138.8975 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 96.6220, 27.7944, 138.8975

Background



This preview shows how black text looks on a background with the YUV color 96.6220, 27.7944, 138.8975.



This preview shows how white text looks on a background with the YUV color 96.6220, 27.7944,

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

96.6220, 27.7944, 138.8975

Protanopia

132.3500, 42.7185, -28.3709

Deuteranopia

136.1410, 2.8885, 6.8923



Tritanopia

117.6250, -27.4231, 116.0929

Trichromacy



Original Color

96.6220, 27.7944, 138.8975



Protanomaly

119.3560, 37.2925, 32.1368



Deuteranomaly

121.5550, 12.0514, 54.7643



Tritanomaly

110.2450, -7.5158, 124.3191

Monochromacy



Original Color

96.6220, 27.7944, 138.8975



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.9520, 9.8837, 50.0311

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6220, 27.7944, 138.8975 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, 5, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 5, 153)  
}
```

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, 5, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 5, 153) }
```

Border

The CSS property to change the border of an element to YUV 96.6220, 27.7944, 138.8975 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, 5, 153) }
```


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

```
.border{ border-color:rgb(255, 5, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 5, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 5, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 5, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 5,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 96.6220, 27.7944, 138.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 5, 153) }
```

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

```
.background{ background-color: rgb(255, 5,  
153) }
```

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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