

Converting Colors

YUV(125.7560, 27.7283,
113.3470)

Have a look what the booklet for
YUV(125.7560, 27.7283, 113.3470)
contains.

YUV(125.7560, 27.7283, 113.3470)	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(125.7560, 27.7283,
113.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF31B6
RGB	255, 49, 182
RGB Percent	100%, 19%, 71%
CMY	0.0000, 0.8078, 0.2863
CMYK	0.00, 0.81, 0.29, 0.00
HSL	321°, 100%, 60%
HSV	321°, 81%, 100%
XYZ	50.7818, 26.8340, 46.7590
YIQ	125.7560, 80.0830, 85.0350

Conversions

Conversions Part 2

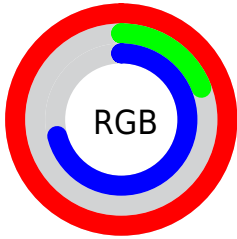
Format	Color
RYB	255, 49, 182
Decimal	16724406
CIELab	58.82, 83.22, -21.89
CIElCh	59, 86.050, 345.262
Yxy	26.8340, 0.4083, 0.2158
Android (android.graphics.Color)	4294914486 (0xFFFF31B6)
YUV	125.7560, 27.7283, 113.3470
Hunter-Lab	51.8016, 84.3333, -17.2573

Details

The YUV color **125.7560, 27.7283, 113.3470** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **178.2440, -27.7283, -113.3470**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2300, 31.9316, 71.7123**, and **72.4130, 27.8974, 105.7548** is the 20% darker color. If you saturate the color by 10%, you get **110.0550, 31.0319, 127.1168**, and if you desaturate by 10%, it is **142.0440, 24.1353, 99.0624**.

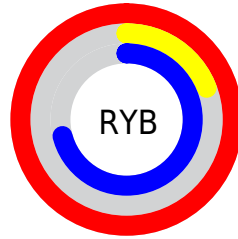
Distribution



Red (100%)

Green (19%)

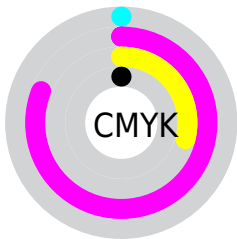
Blue (71%)



Red (100%)

Yellow (19%)

Blue (71%)

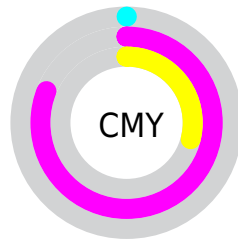


Cyan (0%)

Magenta (81%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (81%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.7560, 27.7283, 113.3470 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 125.7560, 27.7283, 113.3470 by changing the saturation by 10% instead.


 125.7560, 27.7283,
113.3470


 125.7560, 27.7283,
113.3470


255.0000, 0.0000,
0.0000


 84.6460, 34.6845,
122.2135


 173.2300, 31.9316,
71.7123


 72.4130, 27.8974,
105.7548


 192.7780, 30.6754,
54.5687


 60.5930, 21.3997,
89.8109


 210.9750, 21.7043,
38.6099

 48.7730, 14.9019,
73.8671

 228.5850, 13.0226,
23.1660

 37.1810, 9.2778,
57.7233

 246.7820, 4.0515,
7.2072

 26.4150, 4.2324,
42.6090

 14.6660, -3.2863,

27.4799

■ 0.0000, 0.0000,
0.0000

■ 125.7560, 27.7283,
113.3470

■ 125.7560, 27.7283,
113.3470

■ 110.0550, 31.0319,
127.1168

■ 142.0440, 24.1353,
99.0624

■ 95.0550, 34.4829,
140.2718

■ 157.7450, 20.8317,
85.2926

■ 174.0330, 17.2387,
71.0081

■ 189.7340, 13.9351,
57.2383

■ 206.0220, 10.3422,
42.9537

221.7230, 7.0386,
29.1839

238.0110, 3.4456,
14.8994

253.7120, 0.1420,
1.1296

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.



143.3090, 52.1057, 40.9480



125.7560, 27.7283, 113.3470



110.1620, -1.5589, 127.0229

Triad

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



125.7560, 27.7283, 113.3470



128.7140, -63.4560, 6.3898



128.6490, 58.8400, -112.8252

Complementary

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



125.7560, 27.7283, 113.3470



178.2440, -27.7283, -113.3470

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.



122.5440, 27.8328, -107.4711



125.7560, 27.7283, 113.3470



101.3510, -49.9660, -73.9758

Square

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



125.7560, 27.7283, 113.3470



133.1860, -65.6607, 60.3499



111.7770, -5.8061, -98.0284



123.5770, 64.7915, -108.3770

Rectangle

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



125.7560, 27.7283, 113.3470



123.3600, -32.2225, 115.4483



111.7770, -5.8061, -98.0284



127.5430, 49.5253, -111.8552

Sweetspot

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



125.7560, 27.7283, 113.3470



216.6850, 8.0433, 33.6023



94.0120, 79.3671, 23.6685



104.6850, 4.5923, 20.4473



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.



125.7560, 27.7283, 113.3470



99.9790, 33.0414, 135.9534



114.1280, -16.8251, 123.5447



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Inverse Universe

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



125.7560, 27.7283, 113.3470



99.9790, 33.0414, 135.9534



189.8720, 16.8251, -123.5447



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 125.7560, 27.7283, 113.3470 looks on a white background.

Color Contrast Check

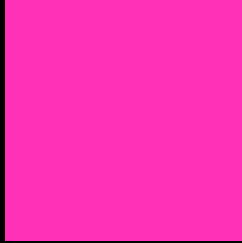
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7560, 27.7283, 113.3470 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 125.7560, 27.7283, 113.3470 Background



This preview shows how black text looks on a background with the YUV color 125.7560, 27.7283, 113.3470.



This preview shows how white text looks on a background with the YUV color 125.7560, 27.7283, 113.3470.

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

125.7560, 27.7283, 113.3470

Protanopia

136.9710, 54.2443, -38.5626

Deuteranopia

143.2460, 13.6827, -1.9697



Tritanopia

132.7910, -22.5750, 101.0383

Trichromacy



Original Color

125.7560, 27.7283, 113.3470



Protanomaly

133.0920, 44.3246, 16.5823



Deuteranomaly

136.5900, 18.9361, 39.8246



Tritanomaly

130.6340, -4.2566, 105.5610

Monochromacy



Original Color

125.7560, 27.7283, 113.3470



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.8970, 9.9108, 41.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7560, 27.7283, 113.3470 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, 49, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 182)  
}
```

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, 49, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 182) }
```

Border

The CSS property to change the border of an element to YUV 125.7560, 27.7283, 113.3470 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, 49, 182) }
```


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

```
.border{ border-color:rgb(255, 49, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 49, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 125.7560, 27.7283, 113.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 182) }
```

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

```
.background{ background-color: rgb(255, 49,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor