

Converting Colors

YUV(129.1640, 25.5551,
110.3582)

Have a look what the booklet for
YUV(129.1640, 25.5551, 110.3582)
contains.

YUV(129.1640, 25.5551, 110.3582)	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(129.1640, 25.5551,
110.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	FF37B5
RGB	255, 55, 181
RGB Percent	100%, 22%, 71%
CMY	0.0000, 0.7843, 0.2902
CMYK	0.00, 0.78, 0.29, 0.00
HSL	322°, 100%, 61%
HSV	322°, 78%, 100%
XYZ	50.9467, 27.3286, 46.3058
YIQ	129.1640, 78.7540, 81.5860

Conversions

Conversions Part 2

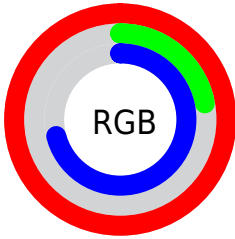
Format	Color
R _Y B	255, 55, 181
Decimal	16725941
CIE _{Lab}	59.28, 81.69, -20.61
CIE _{LCh}	59, 84.249, 345.837
Yxy	27.3286, 0.4089, 0.2194
Android (android.graphics.Color)	4294916021 (0xFFFF37B5)
YUV	129.1640, 25.5551, 110.3582
Hunter-Lab	52.2767, 82.4742, -15.9243

Details

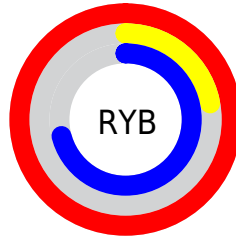
The YUV color **129.1640, 25.5551, 110.3582** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **180.8360, -25.5551, -110.3582**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8770, 30.6266, 70.2679**, and **72.2990, 27.4606, 105.8548** is the 20% darker color. If you saturate the color by 10%, you get **112.8760, 29.1481, 124.6427**, and if you desaturate by 10%, it is **145.4520, 21.9622, 96.0736**.

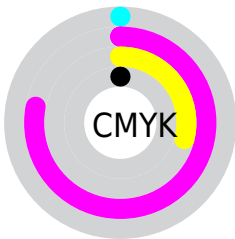
Distribution



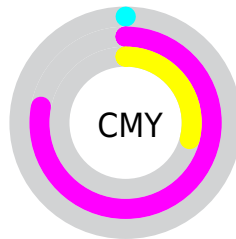
- Red (100%)
- Green (22%)
- Blue (71%)



- Red (100%)
- Yellow (22%)
- Blue (71%)



- Cyan (0%)
- Magenta (78%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.1640, 25.5551, 110.3582 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 129.1640, 25.5551, 110.3582 by changing the saturation by 10% instead.

 129.1640, 25.5551,
110.3582


 129.1640, 25.5551,
110.3582


255.0000, 0.0000,
0.0000

 84.5320, 34.2477,
122.3134


 174.8770, 30.6266,
70.2679


 72.2990, 27.4606,
105.8548


 195.1260, 29.5179,
52.5095

 60.4790, 20.9629,
89.9109

 212.7360, 20.8362,
37.0655

 48.7730, 14.9019,
73.8671

 230.3460, 12.1544,
21.6216

 37.1810, 9.2778,
57.7233

 248.5430, 3.1833,
5.6628

 26.6000, 3.6482,
43.3238

 14.5520, -3.7231,

27.5799

■ 0.0000, 0.0000,
0.0000

■ 129.1640, 25.5551,
110.3582

■ 129.1640, 25.5551,
110.3582

■ 112.8760, 29.1481,
124.6427

■ 145.4520, 21.9622,
96.0736

■ 97.0610, 32.0149,
138.5125

■ 161.2670, 19.0954,
82.2038

■ 94.5990, 32.7357,
140.6717

■ 177.5550, 15.5024,
67.9193

■ 193.3700, 12.6356,
54.0495

■ 209.0710, 9.3320,
40.2797

■ 225.4730, 6.1758,
25.8952

■ 241.7610, 2.5828,
11.6106

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.



145.1520, 50.2111, 41.9627



129.1640, 25.5551, 110.3582



116.0320, -4.4528, 121.8749

Triad

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



129.1640, 25.5551, 110.3582



129.3010, -63.7454, 5.8750



129.2360, 58.5507, -113.3400

Complementary

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



129.1640, 25.5551, 110.3582



180.8360, -25.5551, -110.3582

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.



123.3590, 28.4170, -108.1858



129.1640, 25.5551, 110.3582



105.9860, -46.3351, -71.9017

Square

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



129.1640, 25.5551, 110.3582



134.6480, -66.3815, 58.1907



112.8200, -4.3483, -98.9431



124.1640, 64.5021, -108.8918

Rectangle

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



129.1640, 25.5551, 110.3582



126.5230, -32.7958, 112.6743



112.8200, -4.3483, -98.9431



128.1300, 49.2359, -112.3700

Sweetspot

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



129.1640, 25.5551, 110.3582



216.5710, 7.6065, 33.7022



99.6270, 76.5989, 24.8831



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.



129.1640, 25.5551, 110.3582



103.9740, 30.5788, 132.4498



117.8780, -17.6879, 120.2560



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Inverse Universe

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



129.1640, 25.5551, 110.3582



103.9740, 30.5788, 132.4498



192.1220, 17.6879, -120.2560



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 129.1640, 25.5551, 110.3582 looks on a white background.

Color Contrast Check

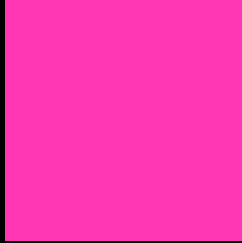
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1640, 25.5551, 110.3582 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 129.1640, 25.5551, 110.3582 Background



This preview shows how black text looks on a background with the YUV color 129.1640, 25.5551, 110.3582.



This preview shows how white text looks on a background with the YUV color 129.1640, 25.5551, 110.3582.

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

129.1640, 25.5551, 110.3582

Protanopia

139.4830, 51.0339, -35.5036

Deuteranopia

144.3170, 12.6617, -1.1550



Tritanopia

134.3070, -21.8434, 99.7088

Trichromacy



Original Color

129.1640, 25.5551, 110.3582



Protanomaly

135.7070, 41.5564, 17.7970



Deuteranomaly

138.8350, 17.3363, 39.6097



Tritanomaly

132.5090, -4.6879, 103.9166

Monochromacy



Original Color

129.1640, 25.5551, 110.3582



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.0710, 9.3320, 40.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.1640, 25.5551, 110.3582 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, 55, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 181)  
}
```

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, 55, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 181) }
```

Border

The CSS property to change the border of an element to YUV 129.1640, 25.5551, 110.3582 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, 55, 181) }
```


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

```
.border{ border-color:rgb(255, 55, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 129.1640, 25.5551, 110.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 181) }
```

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

```
.background{ background-color: rgb(255, 55,  
181) }
```

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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