

Converting Colors

YUV(128.5650, 10.5675,
110.8835)

Have a look what the booklet for
YUV(128.5650, 10.5675, 110.8835)
contains.

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Color

**YUV(128.5650, 10.5675,
110.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3C96
RGB	255, 60, 150
RGB Percent	100%, 24%, 59%
CMY	0.0000, 0.7647, 0.4118
CMYK	0.00, 0.76, 0.41, 0.00
HSL	332°, 100%, 62%
HSV	332°, 76%, 100%
XYZ	48.3609, 26.6937, 31.4577
YIQ	128.5650, 87.3300, 69.3300

Conversions

Conversions Part 2

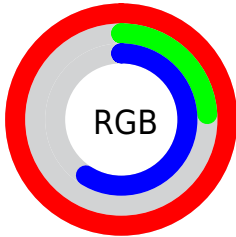
Format	Color
R _Y B	255, 60, 150
Decimal	16727190
CIE Lab	58.69, 77.23, -3.44
CIE LCh	59, 77.306, 357.449
Yxy	26.6937, 0.4540, 0.2506
Android (android.graphics.Color)	4294917270 (0xFFFF3C96)
YUV	128.5650, 10.5675, 110.8835
Hunter-Lab	51.6660, 76.6658, 0.0665

Details

The YUV color **128.5650, 10.5675, 110.8835** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **186.4350, -10.5675, -110.8835**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8760, 15.3441, 72.0227**, and **68.9930, 14.7935, 108.7541** is the 20% darker color. If you saturate the color by 10%, you get **111.7070, 11.9764, 125.6680**, and if you desaturate by 10%, it is **145.4230, 9.1585, 96.0990**.

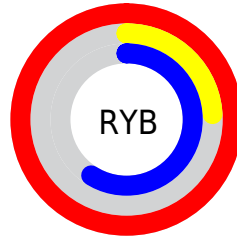
Distribution



Red (100%)

Green (24%)

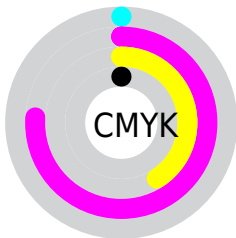
Blue (59%)



Red (100%)

Yellow (24%)

Blue (59%)

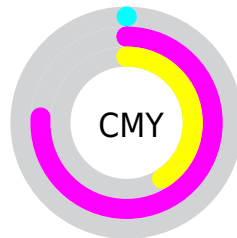


Cyan (0%)

Magenta (76%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.5650, 10.5675, 110.8835 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 128.5650, 10.5675, 110.8835 by changing the saturation by 10% instead.


 128.5650, 10.5675,
110.8835


 128.5650, 10.5675,
110.8835


255.0000, 0.0000,
0.0000


 83.4600, 19.9862,
123.2536


 172.8760, 15.3441,
72.0227


 68.9930, 14.7935,
108.7541


 193.6780, 18.8927,
53.7794


 57.1020, 9.3167,
91.9955


 213.9100, 20.2574,
36.0359

 45.5100, 3.6926,
75.8517

 231.5200, 11.5756,
20.5920

 33.8470, -0.9106,
58.8932

 249.1300, 2.8939,
5.1480

 22.9240, -7.8505,
44.7937

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 128.5650, 10.5675,
110.8835

■ 128.5650, 10.5675,
110.8835

■ 111.7070, 11.9764,
125.6680

■ 145.4230, 9.1585,
96.0990

■ 95.5500, 13.5329,
139.8376

■ 161.5800, 7.6021,
81.9293

■ 89.6970, 13.9534,
144.9707

■ 178.4380, 6.1931,
67.1449

■ 194.7090, 5.0735,
52.8752

■ 211.5670, 3.6645,
38.0907

■ 227.7240, 2.1081,
23.9211

■ 244.5820, 0.6991,
9.1366

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.



141.9240, 36.0265, 64.9647



128.5650, 10.5675, 110.8835



128.5580, -22.4601, 110.8896

Triad

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



128.5650, 10.5675, 110.8835



123.5760, -60.9230, -12.7832



126.5120, 63.3446, -110.9510

Complementary

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



128.5650, 10.5675, 110.8835



186.4350, -10.5675, -110.8835

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.



123.4050, 38.7473, -108.2262



128.5650, 10.5675, 110.8835



104.5100, -20.9574, -91.6553

Square

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



128.5650, 10.5675, 110.8835



132.1570, -65.1534, 37.5733



114.9520, 8.8977, -100.8129



118.2940, 67.3961, -103.7438

Rectangle

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



128.5650, 10.5675, 110.8835



132.0740, -45.3925, 92.8971



114.9520, 8.8977, -100.8129



125.9760, 56.2138, -110.4810

Sweetspot

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



128.5650, 10.5675, 110.8835



216.7190, 3.0965, 33.5724



113.3260, 69.8453, 44.4411



104.5880, 1.6821, 20.5323



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.



128.5650, 10.5675, 110.8835



102.6910, 12.9703, 133.5750



122.4140, -30.7701, 116.2779



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Inverse Universe

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



128.5650, 10.5675, 110.8835



102.6910, 12.9703, 133.5750



193.1730, 30.4807, -116.7927



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 128.5650, 10.5675, 110.8835 looks on a white background.

Color Contrast Check

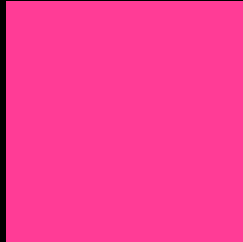
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5650, 10.5675, 110.8835 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 128.5650, 10.5675, 110.8835 Background



This preview shows how black text looks on a background with the YUV color 128.5650, 10.5675, 110.8835.



This preview shows how white text looks on a background with the YUV color 128.5650, 10.5675, 110.8835.

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

128.5650, 10.5675, 110.8835

Protanopia

141.1700, 29.0032, -15.9351

Deuteranopia

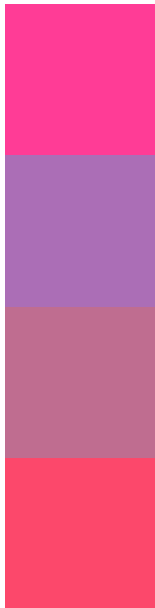
142.7240, -1.3429, 10.7661



Tritanopia

130.8840, -23.6068, 105.3417

Trichromacy



Original Color

128.5650, 10.5675, 110.8835

Protanomaly

136.4470, 22.4576, 30.3030

Deuteranomaly

137.5080, 3.2006, 46.9125

Tritanomaly

129.8100, -11.2453, 107.1606

Monochromacy



Original Color

128.5650, 10.5675, 110.8835

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9910, 3.9484, 40.3499

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5650, 10.5675, 110.8835 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, 60, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 60, 150)  
}
```

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, 60, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 150) }
```

Border

The CSS property to change the border of an element to YUV 128.5650, 10.5675, 110.8835 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, 60, 150) }
```


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

```
.border{ border-color:rgb(255, 60, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 60, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 128.5650, 10.5675, 110.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 150) }
```

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

```
.background{ background-color: rgb(255, 60,  
150) }
```

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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