

Converting Colors

YUV(155.9210, 13.8429,
86.8923)

Have a look what the booklet for
YUV(155.9210, 13.8429, 86.8923)
contains.

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Color

**YUV(155.9210, 13.8429,
86.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	FF64B8
RGB	255, 100, 184
RGB Percent	100%, 39%, 72%
CMY	0.0000, 0.6078, 0.2784
CMYK	0.00, 0.61, 0.28, 0.00
HSL	327°, 100%, 70%
HSV	327°, 61%, 100%
XYZ	54.4489, 33.8350, 49.0084
YIQ	155.9210, 65.4160, 58.9840

Conversions

Conversions Part 2

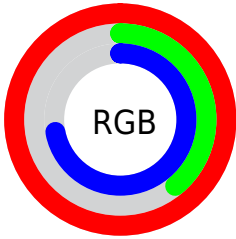
Format	Color
R _Y B	255, 100, 184
Decimal	16737464
CIE Lab	64.83, 66.85, -13.91
CIE LCh	65, 68.281, 348.246
Yxy	33.8350, 0.3966, 0.2464
Android (android.graphics.Color)	4294927544 (0xFFFF64B8)
YUV	155.9210, 13.8429, 86.8923
Hunter-Lab	58.1679, 65.2937, -9.2363

Details

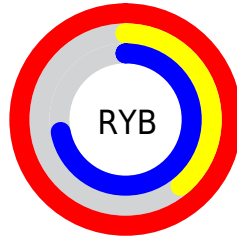
The YUV color **155.9210, 13.8429, 86.8923** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **199.0790, -13.8429, -86.8923**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3510, 21.5190, 51.4352**, and **94.0720, 18.2055, 87.6369** is the 20% darker color. If you saturate the color by 10%, you get **139.8780, 15.8361, 100.9620**, and if you desaturate by 10%, it is **171.9640, 11.8497, 72.8226**.

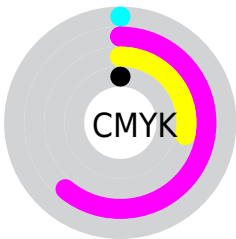
Distribution



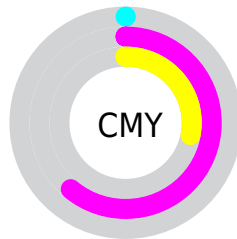
- Red (100%)
- Green (39%)
- Blue (72%)



- Red (100%)
- Yellow (39%)
- Blue (72%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.9210, 13.8429, 86.8923 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 155.9210, 13.8429, 86.8923 by changing the saturation by 10% instead.


 155.9210, 13.8429,
86.8923


 155.9210, 13.8429,
86.8923

255.0000, 0.0000,
0.0000


 126.2630, 15.1533,
86.5923


 196.3510, 21.5190,
51.4352


 94.0720, 18.2055,
87.6369

 215.0840, 19.6786,
35.0063

 61.4190, 21.9784,
90.8405

 232.1070, 11.2862,
20.0772

 50.0120, 15.7701,
75.4115

 249.7170, 2.6045,
4.6332

 38.6050, 9.5617,
59.9824

 27.8390, 4.5164,
44.8682

 17.1440, -1.5500,

30.5687

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 155.9210, 13.8429,
86.8923

■ 155.9210, 13.8429,
86.8923

■ 139.8780, 15.8361,
100.9620

■ 171.9640, 11.8497,
72.8226

■ 123.3620, 18.5555,
115.4465

■ 188.4800, 9.1304,
58.3380

■ 107.3190, 20.5487,
129.5162

■ 205.1100, 6.8478,
43.7535

■ 91.9770, 22.6893,
142.9712

■ 221.1530, 4.8546,
29.6838

■ 237.0820, 2.4246,
15.7141

■ 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.



161.9270, 37.9970, 39.5290



155.9210, 13.8429, 86.8923



148.3800, -12.5123, 93.5057

Triad

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



155.9210, 13.8429, 86.8923



144.7140, -63.4560, 6.3898



134.9920, 55.2199, -118.3880

Complementary

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



155.9210, 13.8429, 86.8923



199.0790, -13.8429, -86.8923

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.



131.2980, 30.9121, -115.1483



155.9210, 13.8429, 86.8923



135.1900, -32.1387, -51.9096

Square

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



155.9210, 13.8429, 86.8923



149.6470, -64.9020, 50.2986



122.8280, 3.5358, -107.7202



129.4470, 61.8976, -113.5250

Rectangle

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



155.9210, 13.8429, 86.8923



151.6790, -32.8727, 90.6125



122.8280, 3.5358, -107.7202



134.4560, 48.0892, -117.9179

Sweetspot

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



155.9210, 13.8429, 86.8923



225.6040, 4.1392, 25.7803



138.6000, 57.3852, 27.5378



109.4950, 2.7140, 16.2289



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.



155.9210, 13.8429, 86.8923



136.1280, 16.6989, 104.2507



147.2570, -19.3537, 94.4906



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Inverse Universe

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



155.9210, 13.8429, 86.8923



136.1280, 16.6989, 104.2507



207.7430, 19.3537, -94.4906



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 155.9210, 13.8429, 86.8923 looks on a white background.

Color Contrast Check

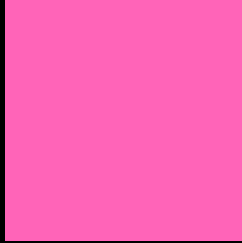
Large Text (above 18pt) WCAG AA × Fail

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 155.9210, 13.8429, 86.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

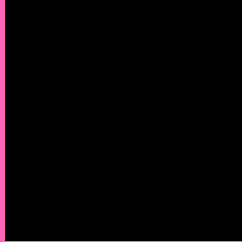
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.9210, 13.8429, 86.8923

Background



This preview shows how black text looks on a background with the YUV color 155.9210, 13.8429, 86.8923.



This preview shows how white text looks on a background with the YUV color 155.9210, 13.8429, 86.8923.

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

155.9210, 13.8429, 86.8923

Protanopia

157.3700, 32.3556, -17.8645

Deuteranopia

158.9110, 8.4249, 4.4631



Tritanopia

155.5760, -16.5530, 82.8098

Trichromacy



Original Color

155.9210, 13.8429, 86.8923



Protanomaly

156.8910, 25.6897, 20.2666



Deuteranomaly

157.9670, 10.3693, 34.2319



Tritanomaly

155.8610, -5.3545, 84.3139

Monochromacy



Original Color

155.9210, 13.8429, 86.8923



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.1640, 4.8491, 31.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9210, 13.8429, 86.8923 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, 100, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 184)  
}
```

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, 100, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 184) }
```

Border

The CSS property to change the border of an element to YUV 155.9210, 13.8429, 86.8923 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, 100, 184) }
```


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

```
.border{ border-color:rgb(255, 100, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 155.9210, 13.8429, 86.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 184) }
```

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

```
.background{ background-color: rgb(255,  
100, 184) }
```

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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