

Converting Colors

YUV(135.4390, 31.8286,
104.8550)

Have a look what the booklet for
YUV(135.4390, 31.8286, 104.8550)
contains.

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Color

**YUV(135.4390, 31.8286,
104.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3EC8
RGB	255, 62, 200
RGB Percent	100%, 24%, 78%
CMY	0.0000, 0.7569, 0.2157
CMYK	0.00, 0.76, 0.22, 0.00
HSL	317°, 100%, 62%
HSV	317°, 76%, 100%
XYZ	53.3880, 28.8754, 57.4032
YIQ	135.4390, 70.7300, 83.8340

Conversions

Conversions Part 2

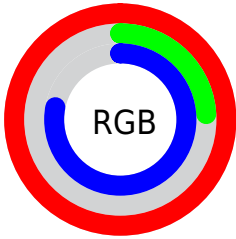
Format	Color
R _{YB}	255, 62, 200
Decimal	16727752
CIE _{Lab}	60.67, 82.06, -29.38
CIE _{LCh}	61, 87.164, 340.305
Yxy	28.8754, 0.3823, 0.2067
Android (android.graphics.Color)	4294917832 (0xFFFF3EC8)
YUV	135.4390, 31.8286, 104.8550
Hunter-Lab	53.7358, 83.3068, -25.7214

Details

The YUV color **135.4390, 31.8286, 104.8550** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **181.5610, -31.8286, -104.8550**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4510, 36.7527, 65.3795**, and **74.6500, 35.1755, 104.6700** is the 20% darker color. If you saturate the color by 10%, you get **119.3790, 36.2952, 118.9396**, and if you desaturate by 10%, it is **151.4990, 27.3620, 90.7704**.

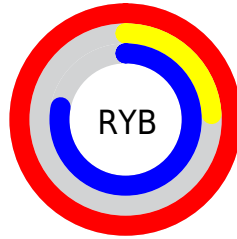
Distribution



Red (100%)

Green (24%)

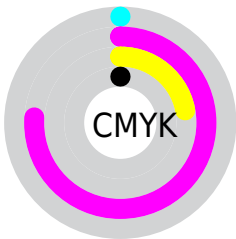
Blue (78%)



Red (100%)

Yellow (24%)

Blue (78%)

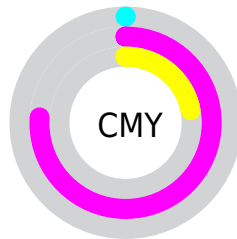


Cyan (0%)

Magenta (76%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.4390, 31.8286, 104.8550 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 135.4390, 31.8286, 104.8550 by changing the saturation by 10% instead.


 135.4390, 31.8286,
104.8550


 135.4390, 31.8286,
104.8550


255.0000, 0.0000,
0.0000


 89.5190, 40.6631,
117.9398


 180.4510, 36.7527,
65.3795


 74.6500, 35.1755,
104.6700


 198.0610, 28.0709,
49.9355


 62.7160, 28.2410,
88.8261

 215.6710, 19.3892,
34.4915

 50.8960, 21.7433,
72.8822

 233.2810, 10.7075,
19.0476

 39.4890, 15.5349,
57.4531

 251.4780, 1.7363,
3.0888

 28.7940, 9.4686,
43.1537

 17.0170, 4.4286,

26.2951

■ 0.0000, 0.0000,
0.0000

■ 135.4390, 31.8286,
104.8550

■ 135.4390, 31.8286,
104.8550

■ 119.3790, 36.2952,
118.9396

■ 151.4990, 27.3620,
90.7704

■ 103.7920, 40.0355,
132.6094

■ 167.0860, 23.6216,
77.1006

■ 96.9930, 41.9085,
138.5721

■ 183.1460, 19.1550,
63.0160

■ 198.6190, 14.9778,
49.4461

■ 214.6790, 10.5113,
35.3615

■ 230.2660, 6.7709,
21.6917

■ 246.3260, 2.3043,
7.6071

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.



147.7480, 52.8752, 27.4080



135.4390, 31.8286, 104.8550



112.5730, 5.1405, 124.9085

Triad

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



135.4390, 31.8286, 104.8550



134.9710, -66.5407, 15.8114



132.4160, 55.5039, -116.1288

Complementary

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



135.4390, 31.8286, 104.8550



181.5610, -31.8286, -104.8550

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.



124.6810, 23.3283, -109.3452



135.4390, 31.8286, 104.8550



116.2570, -57.3147, -50.2144

Square

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



135.4390, 31.8286, 104.8550



137.0840, -67.5824, 70.0863



113.6860, -11.1842, -99.7026



128.2730, 62.4764, -112.4954

Rectangle

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



135.4390, 31.8286, 104.8550



122.8360, -24.0761, 115.9078



113.6860, -11.1842, -99.7026



130.4950, 45.6050, -114.4441

Sweetspot

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



135.4390, 31.8286, 104.8550



218.4290, 9.6485, 32.0728



100.4470, 76.1946, 14.5170



105.6140, 5.6133, 19.6325



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.



135.4390, 31.8286, 104.8550



111.2920, 38.3100, 126.0319



124.4950, -10.1040, 114.4529



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Inverse Universe

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



135.4390, 31.8286, 104.8550



111.2920, 38.3100, 126.0319



192.5050, 10.1040, -114.4529



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 135.4390, 31.8286, 104.8550 looks on a white background.

Color Contrast Check

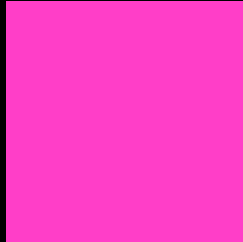
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4390, 31.8286, 104.8550 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 135.4390, 31.8286, 104.8550 Background



This preview shows how black text looks on a background with the YUV color 135.4390, 31.8286, 104.8550.



This preview shows how white text looks on a background with the YUV color 135.4390, 31.8286, 104.8550.

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

135.4390, 31.8286, 104.8550

Protanopia

141.7150, 55.8495, -40.0921

Deuteranopia

147.3360, 20.5404, -8.1877



Tritanopia

141.1320, -19.7851, 92.8462

Trichromacy



Original Color

135.4390, 31.8286, 104.8550



Protanomaly

139.7540, 46.9563, 12.4937



Deuteranomaly

143.0390, 24.6308, 33.2918



Tritanomaly

139.0890, -1.0299, 97.2689

Monochromacy



Original Color

135.4390, 31.8286, 104.8550



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0430, 11.8108, 38.5503

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4390, 31.8286, 104.8550 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, 62, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 200)  
}
```

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, 62, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 200) }
```

Border

The CSS property to change the border of an element to YUV 135.4390, 31.8286, 104.8550 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, 62, 200) }
```


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

```
.border{ border-color:rgb(255, 62, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 135.4390, 31.8286, 104.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 200) }
```

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

```
.background{ background-color: rgb(255, 62,  
200) }
```

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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