

Converting Colors

YUV(134.2890, 55.5665, 4.1315)

Have a look what the booklet for
YUV(134.2890, 55.5665, 4.1315)
contains.

YUV(134.2890, 55.5665, 4.1315)	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(134.2890, 55.5665,
4.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6EF7
RGB	139, 110, 247
RGB Percent	55%, 43%, 97%
CMY	0.4549, 0.5686, 0.0314
CMYK	0.44, 0.55, 0.00, 0.03
HSL	253°, 90%, 70%
HSV	253°, 55%, 97%
XYZ	33.0119, 23.3562, 90.7640
YIQ	134.2890, -26.6930, 48.7550

Conversions

Conversions Part 2

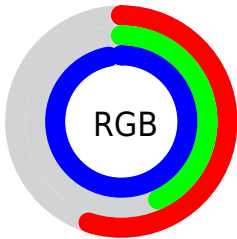
Format	Color
R _Y B	139, 110, 247
Decimal	9137911
CIE Lab	55.44, 43.54, -65.06
CIE LCh	55, 78.286, 303.795
Yxy	23.3562, 0.2244, 0.1587
Android (android.graphics.Color)	4287327991 (0xFF8B6EF7)
YUV	134.2890, 55.5665, 4.1315
Hunter-Lab	48.3283, 37.3546, -77.5211

Details

The YUV color $134.2890, 55.5665, 4.1315$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $222.7110, -55.5665, -4.1315$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.3660, 35.3156, 12.8340$, and $81.3870, 53.5462, -1.2164$ is the 20% darker color. If you saturate the color by 10%, you get $113.9330, 65.6020, 5.3208$, and if you desaturate by 10%, it is $154.6450, 45.5310, 2.9423$.

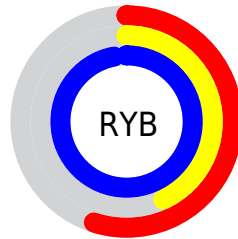
Distribution



Red (55%)

Green (43%)

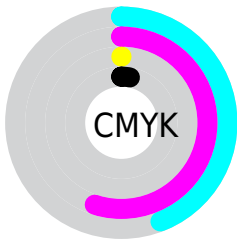
Blue (97%)



Red (55%)

Yellow (43%)

Blue (97%)

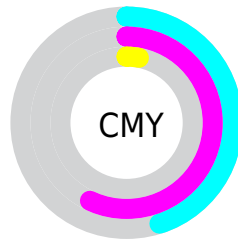


Cyan (44%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (45%)

Magenta (57%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2890, 55.5665, 4.1315 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 134.2890, 55.5665, 4.1315 by changing the saturation by 10% instead.

■ 134.2890, 55.5665,
4.1315

■ 134.2890, 55.5665,
4.1315

255.0000, 0.0000,
0.0000

■ 107.6370, 54.4090,
2.0724

■ 183.3660, 35.3156,
12.8340

■ 81.3870, 53.5462,
-1.2164

■ 208.7720, 22.7904,
16.8630

■ 54.5280, 52.9837,
-7.4791

■ 233.2810, 10.7075,
19.0476

■ 24.1950, 54.6269,
-21.2190

■ 250.3040, 2.3151,
4.1184

■ 12.4260, 47.6110,
-10.8976

■ 9.5760, 36.6910,
-8.3982

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 134.2890, 55.5665,
4.1315

■ 134.2890, 55.5665,
4.1315

■ 113.9330, 65.6020,
5.3208

■ 154.6450, 45.5310,
2.9423

■ 93.8650, 75.4956,
5.3804

■ 174.7130, 35.6375,
2.8827

■ 73.5090, 85.5311,
6.5696

■ 195.0690, 25.6020,
1.6935

■ 52.8540, 95.7140,
7.1440

■ 215.7240, 15.4191,
1.1191

■ 43.7060, 100.2239,
7.2738

■ 236.0800, 5.3836,
-0.0702

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110.6630, 71.1581, -97.0515



134.2890, 55.5665, 4.1315



128.6870, 32.1993, 79.2045

Triad

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



134.2890, 55.5665, 4.1315



124.1150, -61.1887, 72.6901



111.0540, 14.2704, -97.3944

Complementary

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



134.2890, 55.5665, 4.1315



222.7110, -55.5665, -4.1315

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.



100.4980, -16.0215, -88.1367



134.2890, 55.5665, 4.1315



123.8180, -61.0423, 25.5926

Square

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



134.2890, 55.5665, 4.1315



119.8150, -28.9958, 107.1562



112.2690, -55.3486, -27.4229



118.1050, 43.8252, -103.5781

Rectangle

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



134.2890, 55.5665, 4.1315



117.6450, 15.9510, 110.8133



112.2690, -55.3486, -27.4229



107.7310, 4.0766, -94.4801

Sweetspot

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



134.2890, 55.5665, 4.1315



219.5930, 17.4557, 1.2339



190.1880, 28.0083, -70.3249



106.4590, 10.6197, 0.4745



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.



134.2890, 55.5665, 4.1315



114.2580, 69.3858, 5.0357



154.3220, 45.6903, 45.3216



112.2650, 4.7994, 0.6446



32.8650, 75.4956, 5.3804



10.3140, 24.0022, 1.4786

Inverse Universe

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



163.2750, 26.9794, 73.4268



150.5190, 33.7611, 91.6298



202.6780, -45.6903, -45.3216



114.7280, 2.5991, 6.3775



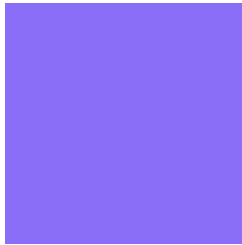
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 134.2890, 55.5665, 4.1315 looks on a white background.

Color Contrast Check

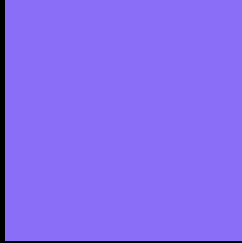
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.2890, 55.5665, 4.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

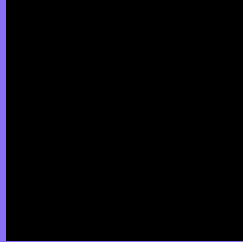
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.2890, 55.5665, 4.1315

Background



This preview shows how black text looks on a background with the YUV color 134.2890, 55.5665, 4.1315.



This preview shows how white text looks on a background with the YUV color 134.2890, 55.5665,

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

134.2890, 55.5665, 4.1315

Protanopia

121.8470, 65.6444, -55.1168

Deuteranopia

106.4910, 65.3269, -93.3926



Tritanopia

130.6760, 8.0477, -14.6249

Trichromacy



Original Color

134.2890, 55.5665, 4.1315



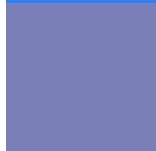
Protanomaly

126.0670, 62.0850, -33.3848



Deuteranomaly

116.7990, 61.7241, -57.7057



Tritanomaly

132.1880, 25.0503, -8.0579

Monochromacy



Original Color

134.2890, 55.5665, 4.1315



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.9890, 20.2184, 1.7636

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2890, 55.5665, 4.1315 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(139, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 247)  
}
```

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(139, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 247) }
```

Border

The CSS property to change the border of an element to YUV 134.2890, 55.5665, 4.1315 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(139, 110, 247) }
```


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

```
.border{ border-color:rgb(139, 110, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 110, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 134.2890, 55.5665, 4.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 247) }
```

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

```
.background{ background-color: rgb(139,  
110, 247) }
```

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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