

Converting Colors

YUV(134.8890, 58.7217,
-27.9667)

Have a look what the booklet for
YUV(134.8890, 58.7217, -27.9667)
contains.

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Color

**YUV(134.8890, 58.7217,
-27.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	6780FE
RGB	103, 128, 254
RGB Percent	40%, 50%, 100%
CMY	0.5961, 0.4980, 0.0039
CMYK	0.59, 0.50, 0.00, 0.00
HSL	230°, 99%, 70%
HSV	230°, 59%, 100%
XYZ	31.2021, 25.4777, 97.0391
YIQ	134.8890, -55.3460, 33.8860

Conversions

Conversions Part 2

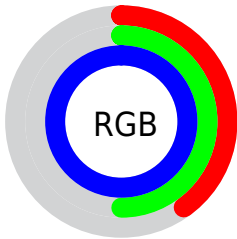
Format	Color
RYB	103, 124, 254
Decimal	6783230
CIELab	57.54, 27.95, -65.68
CIElCh	58, 71.377, 293.050
Yxy	25.4777, 0.2030, 0.1657
Android (android.graphics.Color)	4284973310 (0xFF6780FE)
YUV	134.8890, 58.7217, -27.9667
Hunter-Lab	50.4754, 22.0103, -78.6524

Details

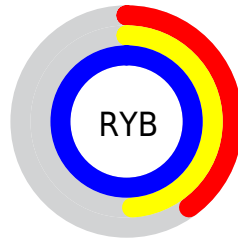
The YUV color **134.8890, 58.7217, -27.9667** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **222.1110, -58.7217, 27.9667**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0650, 34.9710, -16.7200**, and **75.2950, 59.5076, -46.7397** is the 20% darker color. If you saturate the color by 10%, you get **115.0870, 68.4841, -32.5253**, and if you desaturate by 10%, it is **154.6910, 48.9593, -23.4080**.

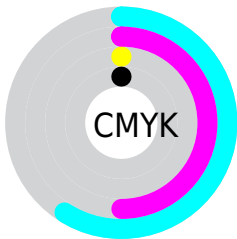
Distribution



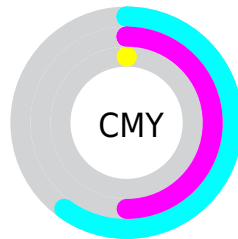
- Red (40%)
- Green (50%)
- Blue (100%)



- Red (40%)
- Yellow (49%)
- Blue (100%)



- Cyan (59%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8890, 58.7217, -27.9667 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 134.8890, 58.7217, -27.9667 by changing the saturation by 10% instead.

■ 134.8890, 58.7217,
-27.9667

■ 134.8890, 58.7217,
-27.9667

255.0000, 0.0000,
0.0000

■ 106.7420, 58.3012,
-33.0997

■ 184.0650, 34.9710,
-16.7200

■ 75.2950, 59.5076,
-46.7397

■ 209.4710, 22.4458,
-12.6911

■ 52.7250, 57.3236,
-46.2398

■ 235.1760, 9.7732,
-8.0474

■ 37.7930, 50.8811,
-33.1445

■ 24.2630, 44.7333,
-21.2787

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 134.8890, 58.7217,
-27.9667

■ 134.8890, 58.7217,
-27.9667

■ 115.0870, 68.4841,
-32.5253

■ 154.6910, 48.9593,
-23.4080

■ 94.9860, 78.3939,
-37.6987

■ 174.7920, 39.0495,
-18.2346

■ 74.5970, 88.4457,
-41.7426

■ 195.1810, 28.9978,
-14.1907

■ 54.4960, 98.3555,
-46.9160

■ 215.2820, 19.0880,
-9.0173

■ 53.6100, 98.7923,
-47.0160

■ 235.0840, 9.3256,
-4.4587

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



117.1200, 67.9748, -102.7142



134.8890, 58.7217, -27.9667



140.5370, 36.2173, 50.3951

Triad

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



134.8890, 58.7217, -27.9667



130.8290, -47.2437, 79.9570



110.6490, 5.1030, -97.0392

Complementary

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



134.8890, 58.7217, -27.9667



222.1110, -58.7217, 27.9667

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.



101.3150, -21.8473, -86.2223



134.8890, 58.7217, -27.9667



129.5320, -63.8593, 42.5064

Square

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



134.8890, 58.7217, -27.9667



128.1810, -17.3442, 103.3273



123.3430, -60.8081, -2.9318



118.5320, 32.7687, -103.9526

Rectangle

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



134.8890, 58.7217, -27.9667



134.3320, 20.5423, 84.7778



123.3430, -60.8081, -2.9318



107.5540, -4.2171, -94.3249

Sweetspot

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



134.8890, 58.7217, -27.9667



218.9400, 17.7776, -8.7174



206.0010, 11.3385, -90.3319



105.2410, 11.2202, -5.4734



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.



134.8890, 58.7217, -27.9667



112.2440, 70.3787, -33.5400



135.1640, 58.5861, 15.6422



117.6560, 5.0996, -2.3293



40.5580, 74.1679, -35.5694



13.7530, 24.7718, -12.0614

Inverse Universe

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



150.9990, -11.3385, 90.3319



131.5390, -13.5767, 108.2753



221.8360, -58.5861, -15.6422



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 134.8890, 58.7217, -27.9667 looks on a white background.

Color Contrast Check

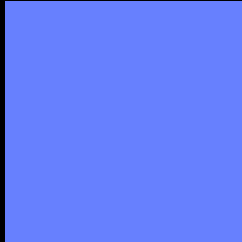
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8890, 58.7217, -27.9667 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 134.8890, 58.7217, -27.9667

Background



This preview shows how black text looks on a background with the YUV color 134.8890, 58.7217, -27.9667.



This preview shows how white text looks on a background with the YUV color 134.8890, 58.7217, -27.9667.

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

134.8890, 58.7217, -27.9667

Protanopia

129.2670, 61.9864, -48.4692

Deuteranopia

110.4520, 67.8112, -96.8664



Tritanopia

125.0560, 18.2134, -55.3001

Trichromacy



Original Color

134.8890, 58.7217, -27.9667

Protanomaly

131.3820, 60.9437, -40.6770

Deuteranomaly

119.3950, 64.3883, -72.2604

Tritanomaly

128.6070, 32.7317, -45.2593

Monochromacy



Original Color

134.8890, 58.7217, -27.9667

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.5530, 21.4194, -10.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8890, 58.7217, -27.9667 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(103, 128, 254)` looks like.

```
.text, #text, p{  
    color:rgb(103, 128, 254)  
}
```

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(103, 128, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 128, 254) }
```

Border

The CSS property to change the border of an element to YUV 134.8890, 58.7217, -27.9667 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

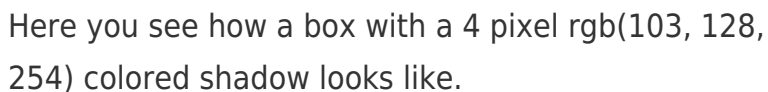
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 128, 254) }
```


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

```
.border{ border-color:rgb(103, 128, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 128, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 128, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 128, 254);  
box-shadow:4px 4px 4px 4px rgb(103, 128,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 134.8890, 58.7217, -27.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 128, 254) }
```

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

```
.background{ background-color: rgb(103,  
128, 254) }
```

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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