

Converting Colors

YUV(129.4540, 48.5832, 3.9868)

Have a look what the booklet for
YUV(129.4540, 48.5832, 3.9868)
contains.

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Color

**YUV(129.4540, 48.5832,
3.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	866CE4
RGB	134, 108, 228
RGB Percent	53%, 42%, 89%
CMY	0.4745, 0.5765, 0.1059
CMYK	0.41, 0.53, 0.00, 0.11
HSL	253°, 69%, 66%
HSV	253°, 53%, 89%
XYZ	29.1977, 21.3949, 75.9895
YIQ	129.4540, -23.0240, 42.8320

Conversions

Conversions Part 2

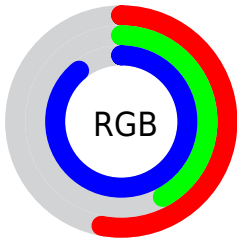
Format	Color
RYB	134, 108, 228
Decimal	8809700
CIELab	53.38, 38.32, -57.78
CIELCh	53, 69.337, 303.553
Yxy	21.3949, 0.2307, 0.1690
Android (android.graphics.Color)	4286999780 (0xFF866CE4)
YUV	129.4540, 48.5832, 3.9868
Hunter-Lab	46.2546, 31.7304, -65.0265

Details

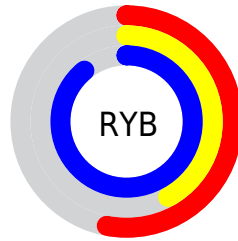
The YUV color **129.4540, 48.5832, 3.9868** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **206.5460, -48.5832, -3.9868**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0990, 36.9262, 9.5602**, and **77.2640, 46.7048, -0.2315** is the 20% darker color. If you saturate the color by 10%, you get **110.5710, 57.8925, 4.7612**, and if you desaturate by 10%, it is **148.3370, 39.2739, 3.2125**.

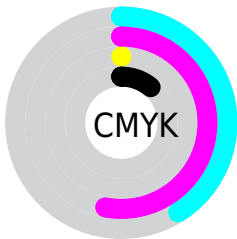
Distribution



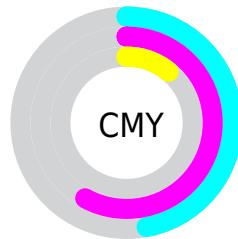
- Red (53%)
- Green (42%)
- Blue (89%)



- Red (53%)
- Yellow (42%)
- Blue (89%)



- Cyan (41%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (58%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4540, 48.5832, 3.9868 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 129.4540, 48.5832, 3.9868 by changing the saturation by 10% instead.

■ 129.4540, 48.5832,
3.9868

■ 129.4540, 48.5832,
3.9868

255.0000, 0.0000,
0.0000

■ 103.2150, 47.7150,
2.4424

■ 180.0990, 36.9262,
9.5602

■ 77.2640, 46.7048,
-0.2315

■ 204.9180, 24.6904,
14.1039

■ 52.0030, 45.8475,
-5.2646

■ 230.3240, 12.1653,
18.1329

■ 22.2570, 47.2013,
-19.5194

■ 248.5430, 3.1833,
5.6628

■ 10.6020, 40.6222,
-9.2980

■ 7.7520, 29.7023,
-6.7985

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 129.4540, 48.5832,
3.9868

■ 129.4540, 48.5832,
3.9868

■ 110.5710, 57.8925,
4.7612

■ 148.3370, 39.2739,
3.2125

■ 91.6880, 67.2018,
5.5356

■ 167.2200, 29.9645,
2.4381

■ 73.3920, 76.2217,
5.7952

■ 185.5160, 20.9446,
2.1785

■ 54.8080, 85.3837,
7.1844

■ 204.1000, 11.7827,
0.7893

■ 40.6430, 92.3670,
7.3291

■ 222.9830, 2.4734,
0.0149

■ 241.8660, -6.8359,
-0.7595

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



106.3430, 69.8369, -93.2628



129.4540, 48.5832, 3.9868



126.6440, 27.2905, 66.9642

Triad

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



129.4540, 48.5832, 3.9868



119.3530, -58.8410, 66.3424



105.5600, 13.5279, -92.5761

Complementary

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



129.4540, 48.5832, 3.9868



206.5460, -48.5832, -3.9868

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.



96.7310, -12.6854, -84.8331



129.4540, 48.5832, 3.9868



118.5020, -58.4215, 24.9927

Square

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



129.4540, 48.5832, 3.9868



118.7100, -26.4790, 93.2163



108.7690, -53.6231, -20.8454



111.6990, 39.5884, -97.9600

Rectangle

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



129.4540, 48.5832, 3.9868



119.6830, 11.4953, 93.2400



108.7690, -53.6231, -20.8454



102.5790, 4.6446, -89.9618

Sweetspot

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



129.4540, 48.5832, 3.9868



221.3650, 16.5821, 1.4339



176.8580, 25.2130, -60.3885



107.6440, 10.0355, 1.1892



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.



129.4540, 48.5832, 3.9868



122.8190, 65.1652, 5.4207



147.3940, 39.7388, 40.8735



105.2650, 4.7994, 0.6446



32.0670, 72.4380, 6.0802



9.1030, 20.6552, 1.6637

Inverse Universe

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



154.5960, 23.3702, 64.3753



156.5030, 31.3040, 86.3819



188.6060, -39.7388, -40.8735



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 129.4540, 48.5832, 3.9868 looks on a white background.

Color Contrast Check

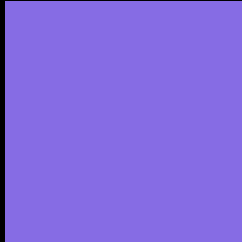
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.4540, 48.5832, 3.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

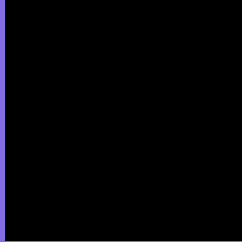
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4540, 48.5832, 3.9868

Background



This preview shows how black text looks on a background with the YUV color 129.4540, 48.5832, 3.9868.



This preview shows how white text looks on a background with the YUV color 129.4540, 48.5832, 3.9868.

3.9868.

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

129.4540, 48.5832, 3.9868

Protanopia

117.6580, 62.2866, -51.4431

Deuteranopia

114.8990, 53.2938, -60.4244



Tritanopia

126.0570, 6.8739, -11.4510

Trichromacy



Original Color

129.4540, 48.5832, 3.9868

Protanomaly

122.1120, 57.1328, -31.6702

Deuteranomaly

119.9990, 51.7655, -36.8331

Tritanomaly

127.4010, 21.9873, -5.6137

Monochromacy



Original Color

129.4540, 48.5832, 3.9868

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0060, 17.7450, 1.7487

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4540, 48.5832, 3.9868 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(134, 108, 228)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 228)  
}
```

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(134, 108, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 228) }
```

Border

The CSS property to change the border of an element to YUV 129.4540, 48.5832, 3.9868 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(134, 108, 228) }
```


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

```
.border{ border-color:rgb(134, 108, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 228);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 129.4540, 48.5832, 3.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 228) }
```

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

```
.background{ background-color: rgb(134,  
108, 228) }
```

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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