

Converting Colors

YUV(128.0580, 45.8204, 3.4571)

Have a look what the booklet for
YUV(128.0580, 45.8204, 3.4571)
contains.

YUV(128.0580, 45.8204, 3.4571)	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(128.0580, 45.8204,
3.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	846CDD
RGB	132, 108, 221
RGB Percent	52%, 42%, 87%
CMY	0.4824, 0.5765, 0.1333
CMYK	0.40, 0.51, 0.00, 0.13
HSL	253°, 62%, 65%
HSV	253°, 51%, 87%
XYZ	27.9294, 20.8511, 70.9592
YIQ	128.0580, -21.9690, 40.2310

Conversions

Conversions Part 2

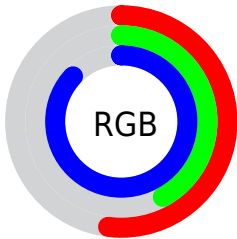
Format	Color
RYB	132, 108, 221
Decimal	8678621
CIELab	52.79, 35.92, -54.80
CIElCh	53, 65.525, 303.243
Yxy	20.8511, 0.2333, 0.1741
Android (android.graphics.Color)	4286868701 (0xFF846CDD)
YUV	128.0580, 45.8204, 3.4571
Hunter-Lab	45.6630, 29.2678, -60.1711

Details

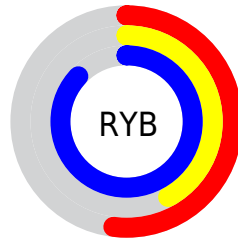
The YUV color **128.0580, 45.8204, 3.4571** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **200.9420, -45.8204, -3.4571**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5010, 37.2210, 8.3306**, and **76.7540, 43.5053, -0.6613** is the 20% darker color. If you saturate the color by 10%, you get **110.0610, 54.6929, 4.3315**, and if you desaturate by 10%, it is **146.0550, 36.9479, 2.5828**.

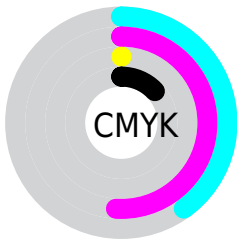
Distribution



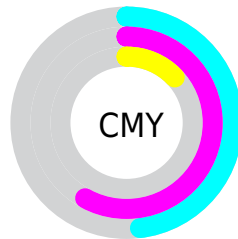
- Red (52%)
- Green (42%)
- Blue (87%)



- Red (52%)
- Yellow (42%)
- Blue (87%)



- Cyan (40%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0580, 45.8204, 3.4571 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 128.0580, 45.8204, 3.4571 by changing the saturation by 10% instead.

■ 128.0580, 45.8204,
3.4571

■ 128.0580, 45.8204,
3.4571

■ 255.0000, 0.0000,
0.0000

■ 101.8190, 44.9522,
1.9127

■ 179.5010, 37.2210,
8.3306

■ 76.7540, 43.5053,
-0.6613

■ 204.0210, 25.1326,
12.2596

■ 50.9060, 42.9373,
-5.1796

■ 229.4270, 12.6075,
16.2885

■ 21.5730, 44.5805,
-18.9195

■ 248.5430, 3.1833,
5.6628

■ 9.9180, 38.0014,
-8.6981

■ 8.9430, 26.6501,
-7.8430

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 128.0580, 45.8204,
3.4571

■ 128.0580, 45.8204,
3.4571

■ 110.0610, 54.6929,
4.3315

■ 146.0550, 36.9479,
2.5828

■ 91.7650, 63.7129,
4.5911

■ 164.3510, 27.9280,
2.3232

■ 73.7680, 72.5854,
5.4655

■ 182.3480, 19.0554,
1.4488

■ 55.4720, 81.6053,
5.7251

■ 200.6440, 10.0355,
1.1892

■ 39.2470, 89.6042,
6.7994

■ 219.2280, 0.8736,
-0.2000

■ 237.2250, -7.9989,
-1.0743

■ 250.8250,
-14.7037, 2.7845

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



104.1430, 66.4845, -91.3334



128.0580, 45.8204, 3.4571



126.1550, 25.5596, 62.1311

Triad

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



128.0580, 45.8204, 3.4571



119.4110, -53.4466, 62.7836



103.5710, 13.5225, -90.8318

Complementary

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



128.0580, 45.8204, 3.4571



200.9420, -45.8204, -3.4571

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.



95.0840, -11.3804, -83.3887



128.0580, 45.8204, 3.4571



117.6160, -57.9847, 24.8928

Square

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



128.0580, 45.8204, 3.4571



118.4320, -24.8630, 88.1981



109.4040, -49.9922, -18.7713



109.9550, 37.9832, -96.4305

Rectangle

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



128.0580, 45.8204, 3.4571



120.2970, 10.2066, 86.5625



109.4040, -49.9922, -18.7713



101.2910, 4.7865, -88.8322

Sweetspot

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



128.0580, 45.8204, 3.4571



223.7240, 15.4191, 1.1191



173.7120, 23.3130, -57.6294



108.8180, 9.4567, 0.1596



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.



128.0580, 45.8204, 3.4571



126.6510, 63.2761, 4.6911



144.5030, 37.7130, 37.2699



100.8520, 4.5100, 0.1298



30.7850, 70.1120, 5.4506



8.2340, 18.6186, 1.5488

Inverse Universe

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



151.9330, 22.2180, 60.5718



159.6660, 30.7307, 83.6079



184.4970, -37.7130, -37.2699



103.2010, 1.8729, 5.9627



67.3450, 34.3399, 92.6594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 128.0580, 45.8204, 3.4571 looks on a white background.

Color Contrast Check

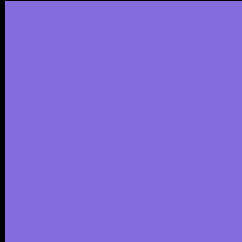
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.0580, 45.8204, 3.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

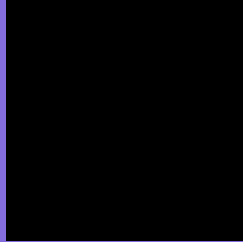
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.0580, 45.8204, 3.4571

Background



This preview shows how black text looks on a background with the YUV color 128.0580, 45.8204, 3.4571.



This preview shows how white text looks on a background with the YUV color 128.0580, 45.8204, 3.4571.

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

128.0580, 45.8204, 3.4571

Protanopia

118.1380, 57.6130, -45.7250

Deuteranopia

116.0310, 49.7777, -52.6472



Tritanopia

124.3560, 6.7265, -10.8362

Trichromacy



Original Color

128.0580, 45.8204, 3.4571

Protanomaly

121.8090, 53.3382, -27.8965

Deuteranomaly

120.4080, 48.1129, -31.9298

Tritanomaly

125.7600, 20.8243, -5.9285

Monochromacy



Original Color

128.0580, 45.8204, 3.4571

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0660, 16.7295, 0.8191

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0580, 45.8204, 3.4571 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(132, 108, 221)` looks like.

```
.text, #text, p{  
    color:rgb(132, 108, 221)  
}
```

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(132, 108, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 108, 221) }
```

Border

The CSS property to change the border of an element to YUV 128.0580, 45.8204, 3.4571 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(132, 108, 221) }
```


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

```
.border{ border-color:rgb(132, 108, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 108, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 108, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 108, 221);  
box-shadow:4px 4px 4px 4px rgb(132, 108,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 128.0580, 45.8204, 3.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 108, 221) }
```

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

```
.background{ background-color: rgb(132,  
108, 221) }
```

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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