

Converting Colors

YUV(136.5410, 46.5683,
-3.1055)

Have a look what the booklet for
YUV(136.5410, 46.5683, -3.1055)
contains.

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Color

**YUV(136.5410, 46.5683,
-3.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	8578E7
RGB	133, 120, 231
RGB Percent	52%, 47%, 91%
CMY	0.4784, 0.5294, 0.0941
CMYK	0.42, 0.48, 0.00, 0.09
HSL	247°, 70%, 69%
HSV	247°, 48%, 91%
XYZ	30.8131, 24.1890, 78.6462
YIQ	136.5410, -27.8830, 37.2770

Conversions

Conversions Part 2

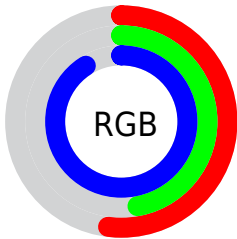
Format	Color
RYB	133, 120, 231
Decimal	8747239
CIELab	56.28, 31.94, -54.83
CIELCh	56, 63.459, 300.224
Yxy	24.1890, 0.2306, 0.1810
Android (android.graphics.Color)	4286937319 (0xFF8578E7)
YUV	136.5410, 46.5683, -3.1055
Hunter-Lab	49.1823, 25.7627, -60.3815

Details

The YUV color **136.5410, 46.5683, -3.1055** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **214.4590, -46.5683, 3.1055**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8440, 33.6009, 2.7678**, and **84.3510, 44.6900, -7.3238** is the 20% darker color. If you saturate the color by 10%, you get **117.0600, 56.1724, -3.5606**, and if you desaturate by 10%, it is **156.0220, 36.9642, -2.6503**.

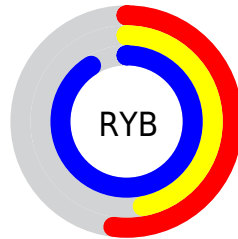
Distribution



Red (52%)

Green (47%)

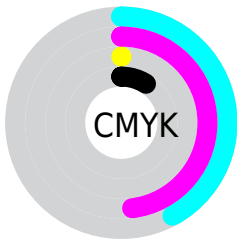
Blue (91%)



Red (52%)

Yellow (47%)

Blue (91%)

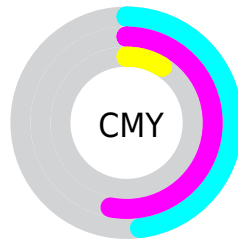


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (48%)

Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.5410, 46.5683, -3.1055 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 136.5410, 46.5683, -3.1055 by changing the saturation by 10% instead.

■ 136.5410, 46.5683,
-3.1055

■ 136.5410, 46.5683,
-3.1055

255.0000, 0.0000,
0.0000

■ 110.1880, 45.2633,
-4.5499

■ 186.8440, 33.6009,
2.7678

■ 84.3510, 44.6900,
-7.3238

■ 212.2500, 21.0757,
6.7968

■ 59.0900, 43.8326,
-12.3569

■ 237.3570, 8.6980,
10.2109

■ 29.6430, 45.0390,
-25.9969

■ 15.0530, 39.9069,
-13.2015

■ 8.0940, 31.0127,
-7.0984

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 136.5410, 46.5683,
-3.1055

■ 136.5410, 46.5683,
-3.1055

■ 117.0600, 56.1724,
-3.5606

■ 156.0220, 36.9642,
-2.6503

■ 97.2800, 65.9240,
-4.6306

■ 175.8020, 27.2126,
-1.5804

■ 77.7990, 75.5281,
-5.0857

■ 195.2830, 17.6085,
-1.1252

■ 58.0190, 85.2796,
-6.1557

■ 215.0630, 7.8569,
-0.0553

■ 38.5380, 94.8838,
-6.6108

■ 234.5440, -1.7472,
0.3999

■ 34.4070, 96.9203,
-6.4959

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



110.8110, 66.6482, -97.1812



136.5410, 46.5683, -3.1055



137.0510, 26.5969, 56.0833

Triad

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



136.5410, 46.5683, -3.1055



129.7300, -47.1949, 64.2578



109.1960, 12.2284, -95.7649

Complementary

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



136.5410, 46.5683, -3.1055



214.4590, -46.5683, 3.1055

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.



100.3500, -11.5115, -88.0069



136.5410, 46.5683, -3.1055



126.2100, -62.2215, 30.5108

Square

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



136.5410, 46.5683, -3.1055



129.0020, -22.6790, 87.6982



121.1920, -48.4087, -13.3234



115.4660, 36.2523, -101.2637

Rectangle

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



136.5410, 46.5683, -3.1055



132.4920, 11.0964, 81.1295



121.1920, -48.4087, -13.3234



106.3290, 3.7818, -93.2505

Sweetspot

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



136.5410, 46.5683, -3.1055



224.3000, 15.1351, -1.1401



190.1800, 20.1243, -61.5479



109.1060, 9.3147, -0.9700



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.



136.5410, 46.5683, -3.1055



128.9550, 62.1402, -4.3455



152.9860, 38.4609, 30.7073



104.9660, 4.9468, 0.0298



26.6850, 75.0913, -4.9857



7.6080, 21.3923, -1.4102

Inverse Universe

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



164.3610, 26.4440, 58.4424



166.1860, 35.4043, 77.8899



198.0140, -38.4609, -30.7073



107.7280, 2.5991, 6.3775



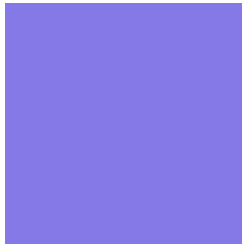
71.5330, 42.6282, 94.2486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 136.5410, 46.5683, -3.1055 looks on a white background.

Color Contrast Check

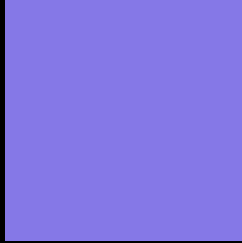
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5410, 46.5683, -3.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

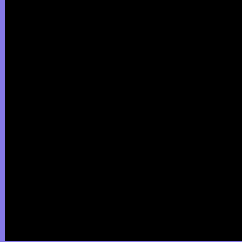
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.5410, 46.5683, -3.1055

Background



This preview shows how black text looks on a background with the YUV color 136.5410, 46.5683, -3.1055.



This preview shows how white text looks on a background with the YUV color 136.5410, 46.5683, -3.1055.

-3.1055.

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

136.5410, 46.5683, -3.1055

Protanopia

129.0030, 55.7075, -41.2216

Deuteranopia

126.3410, 49.6249, -50.2881



Tritanopia

132.4800, 8.6374, -17.0840

Trichromacy



Original Color

136.5410, 46.5683, -3.1055

Protanomaly

131.8800, 52.3172, -27.0818

Deuteranomaly

129.8100, 48.4077, -33.1594

Tritanomaly

133.7700, 22.2984, -12.0763

Monochromacy



Original Color

136.5410, 46.5683, -3.1055

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0550, 16.7349, -0.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5410, 46.5683, -3.1055 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(133, 120, 231)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 231)  
}
```

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(133, 120, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 231) }
```

Border

The CSS property to change the border of an element to YUV 136.5410, 46.5683, -3.1055 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(133, 120, 231) }
```


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

```
.border{ border-color:rgb(133, 120, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 231);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 136.5410, 46.5683, -3.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 231) }
```

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

```
.background{ background-color: rgb(133,  
120, 231) }
```

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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