

Converting Colors

YUV(136.3740, 43.1996, 4.0570)

Have a look what the booklet for
YUV(136.3740, 43.1996, 4.0570)
contains.

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Color

**YUV(136.3740, 43.1996,
4.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	8D75E0
RGB	141, 117, 224
RGB Percent	55%, 46%, 88%
CMY	0.4471, 0.5412, 0.1216
CMYK	0.37, 0.48, 0.00, 0.12
HSL	253°, 63%, 67%
HSV	253°, 48%, 88%
XYZ	30.8003, 23.7671, 73.4852
YIQ	136.3740, -20.0430, 38.3650

Conversions

Conversions Part 2

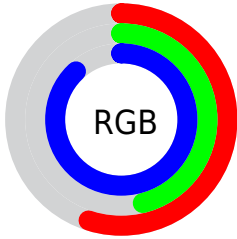
Format	Color
R _Y B	141, 117, 224
Decimal	9270752
CIE Lab	55.85, 33.72, -51.55
CIE LCh	56, 61.595, 303.190
Yxy	23.7671, 0.2405, 0.1856
Android (android.graphics.Color)	4287460832 (0xFF8D75E0)
YUV	136.3740, 43.1996, 4.0570
Hunter-Lab	48.7515, 27.4579, -55.2442

Details

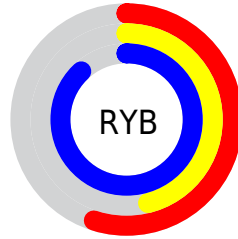
The YUV color **136.3740, 43.1996, 4.0570** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **204.6260, -43.1996, -4.0570**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4750, 33.2898, 9.2304**, and **84.7820, 41.0265, 1.0682** is the 20% darker color. If you saturate the color by 10%, you get **118.3770, 52.0721, 4.9314**, and if you desaturate by 10%, it is **154.3710, 34.3271, 3.1826**.

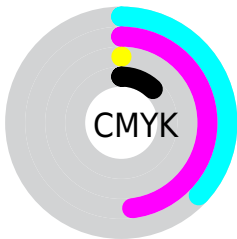
Distribution



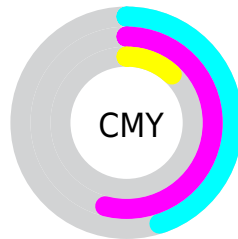
- Red (55%)
- Green (46%)
- Blue (88%)



- Red (55%)
- Yellow (46%)
- Blue (88%)



- Cyan (37%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (54%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3740, 43.1996, 4.0570 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 136.3740, 43.1996, 4.0570 by changing the saturation by 10% instead.

■ 136.3740, 43.1996,
4.0570

■ 136.3740, 43.1996,
4.0570

255.0000, 0.0000,
0.0000

■ 110.1350, 42.3314,
2.5126

■ 187.4750, 33.2898,
9.2304

■ 84.7820, 41.0265,
1.0682

■ 212.5820, 20.9121,
12.6446

■ 59.5320, 40.1637,
-2.2206

■ 237.3900, 8.6817,
15.4440

■ 34.0860, 39.8906,
-7.9684

254.4130, 0.2894,
0.5148

■ 11.4340, 38.7330,
-10.0276

■ 7.5240, 28.8287,
-6.5985

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 136.3740, 43.1996,
4.0570

■ 136.3740, 43.1996,
4.0570

■ 118.3770, 52.0721,
4.9314

■ 154.3710, 34.3271,
3.1826

■ 99.4940, 61.3815,
5.7058

■ 173.2540, 25.0178,
2.4082

■ 81.4970, 70.2540,
6.5801

■ 191.2510, 16.1453,
1.5339

■ 62.6140, 79.5633,
7.3545

■ 210.1340, 6.8359,
0.7595

■ 44.6170, 88.4358,
8.2289

■ 228.1310, -2.0366,
-0.1149

■ 40.4860, 90.4724,
8.3438

■ 246.1280,
-10.9091, -0.9893

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



108.4800, 65.3324, -95.1370



136.3740, 43.1996, 4.0570



135.2640, 23.5338, 58.5275

Triad

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



136.3740, 43.1996, 4.0570



128.9960, -47.3260, 59.6395



109.0650, 14.2650, -95.6500

Complementary

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



136.3740, 43.1996, 4.0570



204.6260, -43.1996, -4.0570

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.



100.4470, -8.6014, -88.0920



136.3740, 43.1996, 4.0570



124.4160, -61.3371, 26.8222

Square

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



136.3740, 43.1996, 4.0570



128.6980, -24.9941, 83.5799



119.9510, -42.8668, -17.4970



114.5200, 37.7046, -100.4340

Rectangle

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



136.3740, 43.1996, 4.0570



131.0960, 8.3337, 80.5998



119.9510, -42.8668, -17.4970



106.3120, 6.2552, -93.2356

Sweetspot

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



136.3740, 43.1996, 4.0570



225.4960, 14.5455, 1.3190



178.5060, 22.4285, -53.9408



110.0030, 8.8725, 0.8744



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.



136.3740, 43.1996, 4.0570



136.0980, 58.6187, 5.1761



152.2210, 35.3870, 36.6402



102.8520, 4.5100, 0.1298



31.7250, 71.1276, 6.3802



8.7610, 19.3448, 1.9636

Inverse Universe

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



158.4550, 20.4817, 57.4830



166.1230, 27.5474, 77.9451



188.7790, -35.3870, -36.6402



105.3150, 2.3097, 5.8627



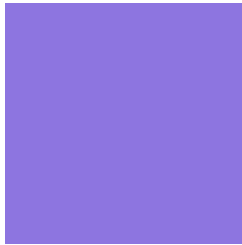
68.1280, 33.4609, 94.6037



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 136.3740, 43.1996, 4.0570 looks on a white background.

Color Contrast Check

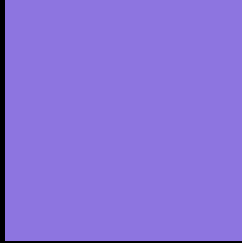
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3740, 43.1996, 4.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

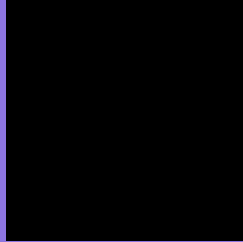
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.3740, 43.1996, 4.0570

Background



This preview shows how black text looks on a background with the YUV color 136.3740, 43.1996, 4.0570.



This preview shows how white text looks on a background with the YUV color 136.3740, 43.1996,

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

136.3740, 43.1996, 4.0570

Protanopia

128.4440, 53.5181, -38.9774

Deuteranopia

127.3590, 45.6720, -42.4108



Tritanopia

132.9650, 6.4263, -7.8623

Trichromacy



Original Color

136.3740, 43.1996, 4.0570

Protanomaly

131.2180, 49.6855, -22.9932

Deuteranomaly

130.8280, 44.4548, -25.2822

Tritanomaly

133.8420, 19.7979, -3.3694

Monochromacy



Original Color

136.3740, 43.1996, 4.0570

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1370, 15.7085, 1.6339

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3740, 43.1996, 4.0570 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(141, 117, 224)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 224)  
}
```

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(141, 117, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 224) }
```

Border

The CSS property to change the border of an element to YUV 136.3740, 43.1996, 4.0570 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(141, 117, 224) }
```


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

```
.border{ border-color:rgb(141, 117, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 224);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 136.3740, 43.1996, 4.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 224) }
```

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

```
.background{ background-color: rgb(141,  
117, 224) }
```

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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