

Converting Colors

YUV(136.9230, 23.7020, 4.4525)

Have a look what the booklet for
YUV(136.9230, 23.7020, 4.4525)
contains.

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Color

**YUV(136.9230, 23.7020,
4.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7DB9
RGB	142, 125, 185
RGB Percent	56%, 49%, 73%
CMY	0.4431, 0.5098, 0.2745
CMYK	0.23, 0.32, 0.00, 0.27
HSL	257°, 30%, 61%
HSV	257°, 32%, 73%
XYZ	27.2459, 23.9208, 49.0801
YIQ	136.9230, -9.1280, 22.2640

Conversions

Conversions Part 2

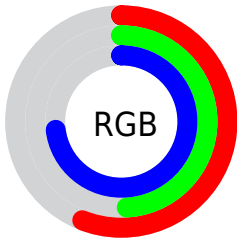
Format	Color
R_{YB}	142, 125, 185
Decimal	9338297
CIE _{Lab}	56.01, 19.30, -29.20
CIE _{LCh}	56, 34.997, 303.464
Yxy	23.9208, 0.2718, 0.2386
Android (android.graphics.Color)	4287528377 (0xFF8E7DB9)
YUV	136.9230, 23.7020, 4.4525
Hunter-Lab	48.9089, 13.8473, -25.2613

Details

The YUV color **136.9230, 23.7020, 4.4525** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **173.0770, -23.7020, -4.4525**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8630, 24.7175, 5.3821**, and **86.5700, 22.3970, 3.0081** is the 20% darker color. If you saturate the color by 10%, you get **121.8830, 31.1167, 6.2416**, and if you desaturate by 10%, it is **151.9630, 16.2872, 2.6634**.

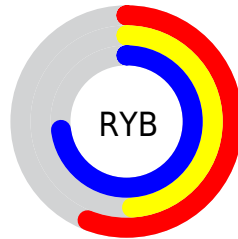
Distribution



Red (56%)

Green (49%)

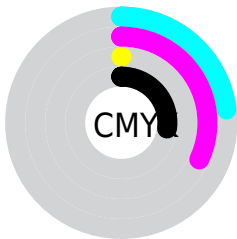
Blue (73%)



Red (56%)

Yellow (49%)

Blue (73%)

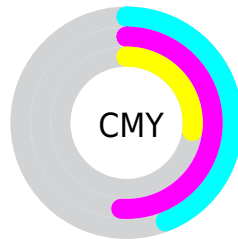


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9230, 23.7020, 4.4525 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 136.9230, 23.7020, 4.4525 by changing the saturation by 10% instead.

■ 136.9230, 23.7020,
4.4525

■ 136.9230, 23.7020,
4.4525

■ 255.0000, 0.0000,
0.0000

■ 111.3960, 22.9758,
4.0377

■ 190.8630, 24.7175,
5.3821

■ 86.5700, 22.3970,
3.0081

■ 216.6800, 18.8918,
7.2966

■ 62.9290, 21.2340,
2.6933

■ 241.7870, 6.5140,
10.7108

■ 40.6900, 20.3658,
1.1489

■ 18.4510, 19.4977,
-0.3955

■ 4.6910, 15.4353,
-4.1140

■ 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,
0.0000

136.9230, 23.7020,
4.4525

136.9230, 23.7020,
4.4525

121.8830, 31.1167,
6.2416

151.9630, 16.2872,
2.6634

107.1310, 38.3894,
6.9011

166.7150, 9.0145,
2.0039

92.0910, 45.8041,
8.6902

181.7550, 1.5998,
0.2149

77.6380, 52.9295,
9.9645

196.2080, -5.5255,
-1.0594

63.1850, 60.0548,
11.2388

211.2480,
-12.9403, -2.8485

47.8460, 67.6169,
12.4131

226.0000,
-20.2130, -3.5080

36.6380, 73.1425,
13.4725

240.4530,
-27.3383, -4.7823

244.9270,
-29.5440, 2.6950

247.0200,
-30.5759, 6.9985

Harmonies

Analogous

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



130.1680, 31.9622, -31.7193



136.9230, 23.7020, 4.4525



138.2980, 11.6851, 32.1877

Triad

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



136.9230, 23.7020, 4.4525



133.9450, -26.5949, 36.8822



111.4420, 12.6001, -74.9326

Complementary

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



136.9230, 23.7020, 4.4525



173.0770, -23.7020, -4.4525

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.



122.8800, -8.3218, -37.6058



136.9230, 23.7020, 4.4525



131.8300, -29.0032, 15.9351

Square

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



136.9230, 23.7020, 4.4525



135.6550, -16.5919, 48.5376



127.9840, -22.6701, -8.7560



106.5010, 29.8260, -93.4014

Rectangle

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



136.9230, 23.7020, 4.4525



137.5570, 2.1904, 44.2385



127.9840, -22.6701, -8.7560



117.0650, 4.4050, -59.6930

Sweetspot

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



136.9230, 23.7020, 4.4525



220.8290, 9.4513, 1.9040



157.0810, 13.7641, -28.1350



108.2050, 5.8149, 1.5742



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.9230, 23.7020, 4.4525



164.7890, 37.0790, 7.2010



145.8930, 19.2798, 22.8958



84.6240, 3.6364, 0.3298



30.9400, 61.6546, 11.4536



5.5840, 11.0511, 2.1188

Inverse Universe

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



147.8420, 9.9379, 32.5876



181.7440, 15.4092, 51.0905



164.1070, -19.2798, -22.8958



86.3750, 1.2941, 4.9331



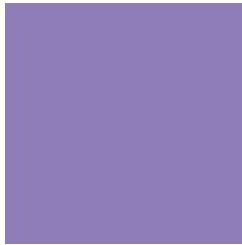
59.2980, 25.4891, 84.8077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 136.9230, 23.7020, 4.4525 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 136.9230, 23.7020, 4.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

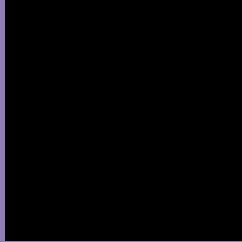
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9230, 23.7020, 4.4525

Background



This preview shows how black text looks on a background with the YUV color 136.9230, 23.7020, 4.4525.



This preview shows how white text looks on a background with the YUV color 136.9230, 23.7020,

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

136.9230, 23.7020, 4.4525

Protanopia

133.9420, 28.1296, -15.7351

Deuteranopia

134.5140, 23.9036, -13.6058



Tritanopia

134.5530, 4.6574, -0.4850

Trichromacy



Original Color

136.9230, 23.7020, 4.4525

Protanomaly

134.6440, 26.7975, -8.4578

Deuteranomaly

135.2590, 24.0293, -7.2431

Tritanomaly

135.3990, 11.6353, 1.4041

Monochromacy



Original Color

136.9230, 23.7020, 4.4525

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1880, 8.2883, 1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9230, 23.7020, 4.4525 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(142, 125, 185)` looks like.

```
.text, #text, p{  
    color:rgb(142, 125, 185)  
}
```

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(142, 125, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 125, 185) }
```

Border

The CSS property to change the border of an element to YUV 136.9230, 23.7020, 4.4525 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(142, 125, 185) }
```


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

```
.border{ border-color:rgb(142, 125, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 125, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 125, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 125, 185);  
box-shadow:4px 4px 4px 4px rgb(142, 125,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 136.9230, 23.7020, 4.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 125, 185) }
```

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

```
.background{ background-color: rgb(142,  
125, 185) }
```

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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