

Converting Colors

YUV(135.4240, 40.7100, 9.2752)

Have a look what the booklet for
YUV(135.4240, 40.7100, 9.2752)
contains.

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Color

**YUV(135.4240, 40.7100,
9.2752)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9272DA |
| RGB | 146, 114, 218 |
| RGB Percent | 57%, 45%, 85% |
| CMY | 0.4275, 0.5529, 0.1451 |
| CMYK | 0.33, 0.48, 0.00, 0.15 |
| HSL | 258°, 58%, 65% |
| HSV | 258°, 48%, 85% |
| XYZ | 30.5263, 23.2076, 69.2003 |
| YIQ | 135.4240, -14.3120, 39.1280 |

Conversions

Conversions Part 2

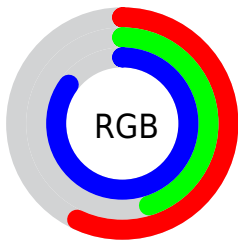
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 146, 114, 218 |
| Decimal | 9597658 |
| CIE _{Lab} | 55.29, 35.15, -49.05 |
| CIE _{LCh} | 55, 60.341, 305.624 |
| Yxy | 23.2076, 0.2483, 0.1888 |
| Android (android.graphics.Color) | 4287787738 (0xFF9272DA) |
| YUV | 135.4240, 40.7100, 9.2752 |
| Hunter-Lab | 48.1742, 28.8040, -51.4456 |

Details

The YUV color **135.4240, 40.7100, 9.2752** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196.5760, -40.7100, -9.2752**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2090, 33.4210, 13.8487**, and **83.8320, 38.5368, 6.2863** is the 20% darker color. If you saturate the color by 10%, you get **118.0250, 49.2877, 11.3791**, and if you desaturate by 10%, it is **152.8230, 32.1323, 7.1712**.

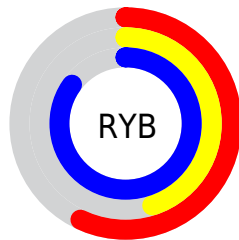
Distribution



Red (57%)

Green (45%)

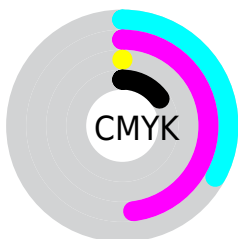
Blue (85%)



Red (57%)

Yellow (45%)

Blue (85%)

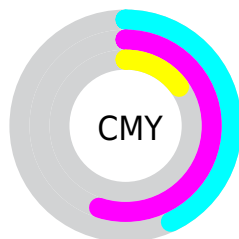


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (55%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4240, 40.7100, 9.2752 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 135.4240, 40.7100, 9.2752 by changing the saturation by 10% instead.

■ 135.4240, 40.7100,
9.2752

■ 135.4240, 40.7100,
9.2752

■ 255.0000, 0.0000,
0.0000

■ 109.1850, 39.8418,
7.7308

■ 187.2090, 33.4210,
13.8487

■ 83.8320, 38.5368,
6.2863

■ 212.3160, 21.0432,
17.2629

■ 59.2940, 37.8161,
4.1272

■ 235.6290, 9.5499,
16.9884

■ 34.7450, 37.1007,
0.2236

■ 252.6520, 1.1576,
2.0592

■ 9.6900, 37.1278,
-8.4981

■ 6.9540, 26.6447,
-6.0987

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 135.4240, 40.7100,
9.2752

■ 135.4240, 40.7100,
9.2752

■ 118.0250, 49.2877,
11.3791

■ 152.8230, 32.1323,
7.1712

■ 100.6260, 57.8654,
13.4830

■ 170.2220, 23.5546,
5.0673

■ 83.8140, 66.1537,
15.0721

■ 187.0340, 15.2662,
3.4782

■ 66.4150, 74.7314,
17.1760

■ 204.4330, 6.6885,
1.3743

■ 49.0160, 83.3091,
19.2800

■ 221.8320, -1.8892,
-0.7297

■ 44.8850, 85.3457,
19.3949

■ 239.5300,
-10.6143, -2.2188

■ 249.8850,
-15.7193, 1.8549

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



106.2630, 64.4533, -93.1927



135.4240, 40.7100, 9.2752



133.7050, 21.3444, 60.7717

Triad

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



135.4240, 40.7100, 9.2752



127.7460, -48.1888, 56.3508



108.2330, 16.1541, -94.9203

Complementary

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



135.4240, 40.7100, 9.2752



196.5760, -40.7100, -9.2752

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.



100.3160, -6.5648, -87.9771



135.4240, 40.7100, 9.2752



122.6220, -60.4526, 23.1335

Square

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



135.4240, 40.7100, 9.2752



128.2200, -26.7305, 80.4911



118.1400, -39.5090, -21.1708



113.4600, 38.7202, -99.5044

Rectangle

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



135.4240, 40.7100, 9.2752



129.8140, 6.0077, 79.9701



118.1400, -39.5090, -21.1708



105.5940, 8.5812, -92.6059

Sweetspot

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



135.4240, 40.7100, 9.2752



226.3930, 14.1033, 3.1633



168.7070, 24.3014, -47.9780



110.3020, 8.7251, 1.4891



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.



135.4240, 40.7100, 9.2752



139.6860, 56.8498, 12.5534



150.6730, 33.1922, 40.6288



101.1510, 4.3626, 0.7446



35.5690, 67.7535, 15.2870



9.4300, 18.0290, 4.0079

Inverse Universe

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



153.3040, 16.1191, 56.7384



164.7550, 22.3058, 79.1449



181.3270, -33.1922, -40.6288



103.0870, 1.4361, 6.0627



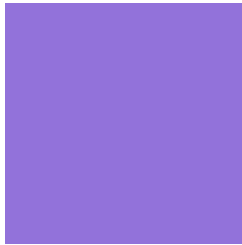
65.4070, 26.9143, 94.3591



17.4020, 7.1968, 25.0804

Previews

White Background



This preview shows how the YUV color 135.4240, 40.7100, 9.2752 looks on a white background.

Color Contrast Check

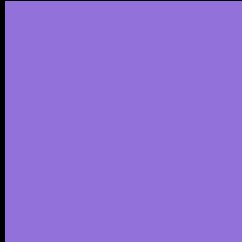
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4240, 40.7100, 9.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

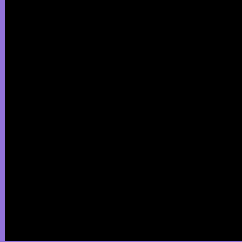
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.4240, 40.7100, 9.2752

Background



This preview shows how black text looks on a background with the YUV color 135.4240, 40.7100, 9.2752.



This preview shows how white text looks on a background with the YUV color 135.4240, 40.7100,

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

135.4240, 40.7100, 9.2752

Protanopia

127.5860, 51.4761, -37.3479

Deuteranopia

127.5830, 42.6036, -38.2223



Tritanopia

132.5420, 4.6628, -2.2293

Trichromacy



Original Color

135.4240, 40.7100, 9.2752

Protanomaly

130.6590, 47.4961, -20.7489

Deuteranomaly

130.4650, 41.6758, -20.5788

Tritanomaly

133.4190, 18.0344, 2.2635

Monochromacy



Original Color

135.4240, 40.7100, 9.2752

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9200, 14.8294, 3.5782

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4240, 40.7100, 9.2752 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(146, 114, 218)` looks like.

```
.text, #text, p{  
    color:rgb(146, 114, 218)  
}
```

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(146, 114, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 114, 218) }
```

Border

The CSS property to change the border of an element to YUV 135.4240, 40.7100, 9.2752 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(146, 114, 218) }
```


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

```
.border{ border-color:rgb(146, 114, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 114, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 114, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 114, 218);  
box-shadow:4px 4px 4px 4px rgb(146, 114,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 135.4240, 40.7100, 9.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 114, 218) }
```

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

```
.background{ background-color: rgb(146,  
114, 218) }
```

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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