

Converting Colors

YUV(138.9240, 25.6735,
25.4997)

Have a look what the booklet for
YUV(138.9240, 25.6735, 25.4997)
contains.

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Color

**YUV(138.9240, 25.6735,
25.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	A872BF
RGB	168, 114, 191
RGB Percent	66%, 45%, 75%
CMY	0.3412, 0.5529, 0.2510
CMYK	0.12, 0.40, 0.00, 0.25
HSL	282°, 38%, 60%
HSV	282°, 40%, 75%
XYZ	31.5697, 24.1210, 52.2821
YIQ	138.9240, 7.4670, 35.3950

Conversions

Conversions Part 2

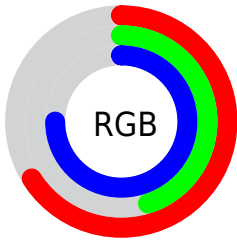
Format	Color
R_{YB}	168, 114, 191
Decimal	11039423
CIE _{Lab}	56.21, 35.02, -32.12
CIE _{LCh}	56, 47.520, 317.481
Yxy	24.1210, 0.2924, 0.2234
Android (android.graphics.Color)	4289229503 (0xFFA872BF)
YUV	138.9240, 25.6735, 25.4997
Hunter-Lab	49.1132, 28.7909, -28.7364

Details

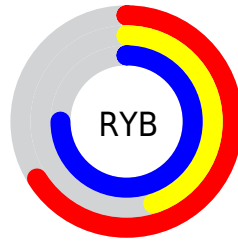
The YUV color **138.9240, 25.6735, 25.4997** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **166.0760, -25.6735, -25.4997**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2770, 26.9784, 26.9441**, and **87.2720, 24.5159, 23.4405** is the 20% darker color. If you saturate the color by 10%, you get **125.9770, 32.0563, 31.5922**, and if you desaturate by 10%, it is **151.8710, 19.2906, 19.4071**.

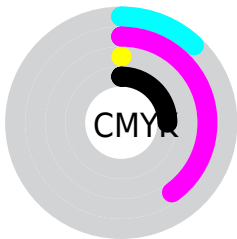
Distribution



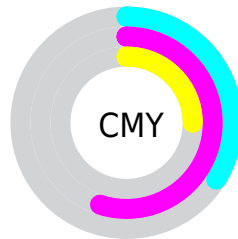
- Red (66%)
- Green (45%)
- Blue (75%)



- Red (66%)
- Yellow (45%)
- Blue (75%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)





- Cyan (34%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.9240, 25.6735, 25.4997 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 138.9240, 25.6735, 25.4997 by changing the saturation by 10% instead.


 138.9240, 25.6735,
25.4997


 138.9240, 25.6735,
25.4997


255.0000, 0.0000,
0.0000

 113.0980, 25.0947,
24.4701


 193.2770, 26.9784,
26.9441


 87.2720, 24.5159,
23.4405


 218.5950, 17.9477,
30.1732


 62.8590, 24.2265,
22.9257

 236.2160, 9.2605,
16.4736

 38.4460, 23.9371,
22.4109

 252.6520, 1.1576,
2.0592

 19.1420, 21.6220,
18.2925

 9.1590, 15.6976,
5.1226

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 138.9240, 25.6735,
25.4997

■ 138.9240, 25.6735,
25.4997

■ 125.9770, 32.0563,
31.5922

■ 151.8710, 19.2906,
19.4071

■ 113.3290, 38.2918,
38.2995

■ 164.5190, 13.0551,
12.6998

■ 100.3820, 44.6747,
44.3920

■ 177.4660, 6.6723,
6.6073

■ 87.4350, 51.0575,
50.4845

■ 190.4130, 0.2894,
0.5148

■ 74.4880, 57.4404,
56.5770

■ 203.9470, -6.3829,
-6.0925

61.8400, 63.6759,
63.2843

216.5950,
-12.6183, -12.7998

229.5420,
-19.0012, -18.8923

235.4450,
-21.9114, -18.8073

236.9400,
-22.6484, -15.7334

Harmonies

Analogous

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



133.2860, 39.7920, -23.0528



138.9240, 25.6735, 25.4997



137.2410, 8.2622, 56.7936

Triad

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



138.9240, 25.6735, 25.4997



131.5030, -39.6880, 36.3929



108.9970, 24.1585, -95.5904

Complementary

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



138.9240, 25.6735, 25.4997



166.0760, -25.6735, -25.4997

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.



103.5080, 5.6656, -90.7765



138.9240, 25.6735, 25.4997



128.3590, -38.1380, 5.8242

Square

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



138.9240, 25.6735, 25.4997



133.5070, -28.8440, 58.3144



122.1400, -22.7470, -30.8178



111.4540, 41.1882, -97.7452

Rectangle

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



138.9240, 25.6735, 25.4997



134.9790, -4.4266, 66.6704



122.1400, -22.7470, -30.8178



107.4010, 18.0433, -94.1907

Sweetspot

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



138.9240, 25.6735, 25.4997



227.2860, 9.7190, 9.3962



136.2790, 26.9775, -19.5387



112.9390, 5.9461, 6.1925



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



138.9240, 25.6735, 25.4997



167.2690, 39.3074, 39.2291



144.0910, 15.7311, 41.1392



88.1190, 2.8993, 3.4036



51.2010, 52.6519, 52.4437



9.8130, 10.4452, 9.8110

Inverse Universe

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



139.6450, -1.3040, 45.0383



168.2720, -2.1061, 69.0445



160.9090, -15.7311, -41.1392



88.0330, -0.0163, 5.2331



52.6000, -2.7608, 92.4358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 138.9240, 25.6735, 25.4997 looks on a white background.

Color Contrast Check

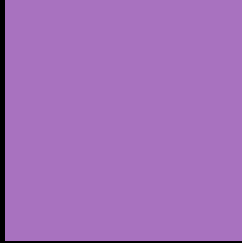
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9240, 25.6735, 25.4997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

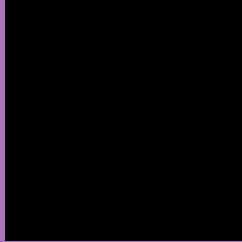
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.9240, 25.6735, 25.4997

Background



This preview shows how black text looks on a background with the YUV color 138.9240, 25.6735, 25.4997.



This preview shows how white text looks on a background with the YUV color 138.9240, 25.6735, 25.4997.

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

138.9240, 25.6735, 25.4997

Protanopia

134.1460, 35.4240, -22.0530

Deuteranopia

134.6710, 25.7982, -14.6205



Tritanopia

137.3060, -0.6439, 19.9026

Trichromacy



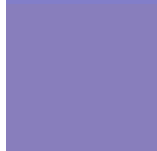
Original Color

138.9240, 25.6735, 25.4997



Protanomaly

135.7460, 32.1702, -5.0392



Deuteranomaly

136.0580, 25.6074, -0.0509



Tritanomaly

138.1350, 8.8074, 21.8066

Monochromacy



Original Color

138.9240, 25.6735, 25.4997



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9240, 25.6735, 25.4997 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(168, 114, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 114, 191)  
}
```

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(168, 114, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 114, 191) }
```

Border

The CSS property to change the border of an element to YUV 138.9240, 25.6735, 25.4997 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(168, 114, 191) }
```


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

```
.border{ border-color:rgb(168, 114, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 114, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 114, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 114, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 114,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 138.9240, 25.6735, 25.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 114, 191) }
```

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

```
.background{ background-color: rgb(168,  
114, 191) }
```

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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