

Converting Colors

YUV(138.3270, 41.2508,
22.5152)

Have a look what the booklet for
YUV(138.3270, 41.2508, 22.5152)
contains.

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Color

**YUV(138.3270, 41.2508,
22.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	A46DDE
RGB	164, 109, 222
RGB Percent	64%, 43%, 87%
CMY	0.3569, 0.5725, 0.1294
CMYK	0.26, 0.51, 0.00, 0.13
HSL	269°, 63%, 65%
HSV	269°, 51%, 87%
XYZ	33.9633, 24.1037, 71.9697
YIQ	138.3270, -3.4930, 46.8030

Conversions

Conversions Part 2

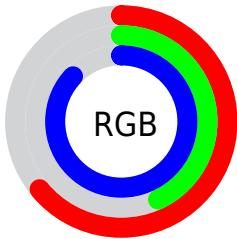
Format	Color
RYB	164, 109, 222
Decimal	10776030
CIELab	56.19, 43.64, -49.75
CIELCh	56, 66.177, 311.256
Yxy	24.1037, 0.2612, 0.1854
Android (android.graphics.Color)	4288966110 (0xFFA46DDE)
YUV	138.3270, 41.2508, 22.5152
Hunter-Lab	49.0955, 37.5655, -52.5470

Details

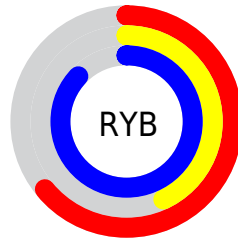
The YUV color **138.3270, 41.2508, 22.5152** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **192.6730, -41.2508, -22.5152**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2430, 31.9252, 26.9739**, and **86.1480, 39.3670, 20.0412** is the 20% darker color. If you saturate the color by 10%, you get **122.1240, 49.2389, 27.0783**, and if you desaturate by 10%, it is **154.5300, 33.2627, 17.9522**.

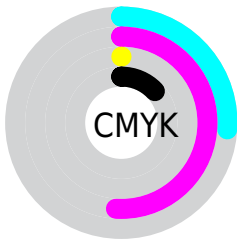
Distribution



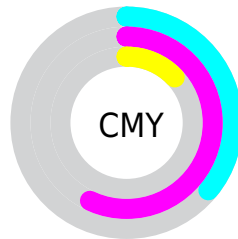
- Red (64%)
- Green (43%)
- Blue (87%)



- Red (64%)
- Yellow (43%)
- Blue (87%)



- Cyan (26%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3270, 41.2508, 22.5152 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 138.3270, 41.2508, 22.5152 by changing the saturation by 10% instead.

138.3270, 41.2508,
22.5152

138.3270, 41.2508,
22.5152

255.0000, 0.0000,
0.0000

112.0880, 40.3826,
20.9708

190.2430, 31.9252,
26.9739

86.1480, 39.3670,
20.0412

215.0620, 19.6894,
31.5176

60.3220, 38.7883,
19.0116

233.2810, 10.7075,
19.0476

32.5500, 39.6619,
18.8117

249.7170, 2.6045,
4.6332

17.5070, 34.7530,
6.5714

7.2960, 27.9551,
-6.3986

6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 138.3270, 41.2508,
22.5152

■ 138.3270, 41.2508,
22.5152

■ 122.1240, 49.2389,
27.0783

■ 154.5300, 33.2627,
17.9522

■ 105.6220, 57.3744,
31.0265

■ 171.0320, 25.1272,
14.0039

■ 88.8320, 65.6518,
36.1043

■ 187.8220, 16.8498,
8.9261

■ 72.3300, 73.7873,
40.0526

■ 204.3240, 8.7143,
4.9779

■ 57.6000, 81.0492,
44.2008

■ 220.5270, 0.7262,
0.4148

■ 236.7300, -7.2619,
-4.1482

■ 247.9490,
-12.7929, -3.4633

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



113.2090, 66.4520, -80.8673



138.3270, 41.2508, 22.5152



133.3370, 19.5539, 75.1265

Triad

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



138.3270, 41.2508, 22.5152



126.4890, -61.8661, 56.5761



112.2910, 21.5485, -98.4792

Complementary

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



138.3270, 41.2508, 22.5152



192.6730, -41.2508, -22.5152

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.



104.1630, -4.5174, -91.3510



138.3270, 41.2508, 22.5152



124.0510, -61.1571, 15.7413

Square

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



138.3270, 41.2508, 22.5152



128.8200, -33.4353, 84.3499



116.2800, -38.5920, -35.3256



117.2730, 45.7144, -102.8484

Rectangle

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



138.3270, 41.2508, 22.5152



128.5060, 3.2015, 93.3952



116.2800, -38.5920, -35.3256



110.0110, 12.8126, -96.4796

Sweetspot

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



138.3270, 41.2508, 22.5152



226.7140, 13.9450, 7.2668



155.9280, 32.5735, -41.1559



110.9110, 8.4249, 4.4631



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.



138.3270, 41.2508, 22.5152



139.5080, 56.9376, 31.1265



155.0710, 32.9960, 56.9427



103.7490, 4.0677, 1.9741



45.7780, 64.1994, 35.2747



12.6480, 17.4285, 9.9557

Inverse Universe

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



149.3990, 8.6773, 63.6711



154.7640, 11.9483, 87.9070



175.9290, -32.9960, -56.9427



104.9730, 0.9993, 6.1627



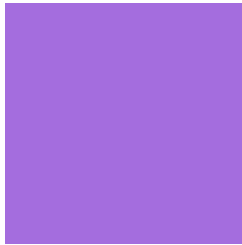
62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 138.3270, 41.2508, 22.5152 looks on a white background.

Color Contrast Check

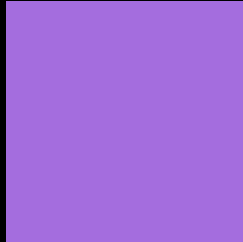
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3270, 41.2508, 22.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

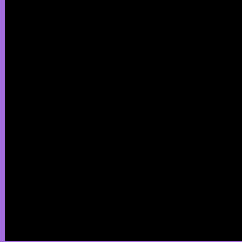
Any Text WCAG AA ✓ Pass

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 138.3270, 41.2508, 22.5152 Background



This preview shows how black text looks on a background with the YUV color 138.3270, 41.2508, 22.5152.



This preview shows how white text looks on a background with the YUV color 138.3270, 41.2508,

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

138.3270, 41.2508, 22.5152

Protanopia

128.8180, 56.2917, -41.9364

Deuteranopia

129.9960, 42.8930, -37.7075



Tritanopia

136.1200, 1.4198, 11.2958

Trichromacy



Original Color

138.3270, 41.2508, 22.5152



Protanomaly

132.1800, 50.6903, -18.5749



Deuteranomaly

133.3130, 42.2437, -16.0605



Tritanomaly

136.9260, 15.8125, 14.9739

Monochromacy



Original Color

138.3270, 41.2508, 22.5152



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3270, 41.2508, 22.5152 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(164, 109, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 109, 222)  
}
```

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(164, 109, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 109, 222) }
```

Border

The CSS property to change the border of an element to YUV 138.3270, 41.2508, 22.5152 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(164, 109, 222) }
```


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

```
.border{ border-color:rgb(164, 109, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 109, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 109, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 109, 222);  
box-shadow:4px 4px 4px 4px rgb(164, 109,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 138.3270, 41.2508, 22.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 109, 222) }
```

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

```
.background{ background-color: rgb(164,  
109, 222) }
```

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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