

Converting Colors

YUV(138.1420, 41.8350,
21.8005)

Have a look what the booklet for
YUV(138.1420, 41.8350, 21.8005)
contains.

YUV(138.1420, 41.8350, 21.8005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(138.1420, 41.8350,
21.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	A36DDF
RGB	163, 109, 223
RGB Percent	64%, 43%, 87%
CMY	0.3608, 0.5725, 0.1255
CMYK	0.27, 0.51, 0.00, 0.13
HSL	268°, 64%, 65%
HSV	268°, 51%, 87%
XYZ	33.8922, 24.0515, 72.6681
YIQ	138.1420, -4.4100, 46.9020

Conversions

Conversions Part 2

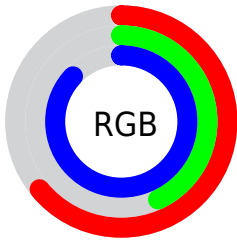
Format	Color
R_{YB}	163, 109, 223
Decimal	10710495
CIE _{Lab}	56.14, 43.62, -50.40
CIE _{LCh}	56, 66.653, 310.871
Yxy	24.0515, 0.2595, 0.1841
Android (android.graphics.Color)	4288900575 (0xFFFA36DDF)
YUV	138.1420, 41.8350, 21.8005
Hunter-Lab	49.0424, 37.5336, -53.5229

Details

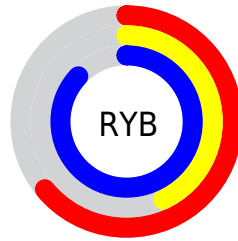
The YUV color **138.1420, 41.8350, 21.8005** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **193.8580, -41.8350, -21.8005**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9440, 32.0726, 26.3591**, and **85.9630, 39.9512, 19.3264** is the 20% darker color. If you saturate the color by 10%, you get **121.6400, 49.9705, 25.7487**, and if you desaturate by 10%, it is **154.6440, 33.6995, 17.8522**.

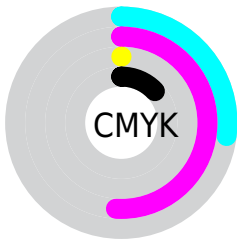
Distribution



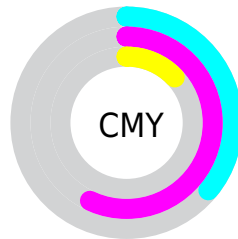
- Red (64%)
- Green (43%)
- Blue (87%)



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



- Cyan (27%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1420, 41.8350, 21.8005 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 138.1420, 41.8350, 21.8005 by changing the saturation by 10% instead.

■ 138.1420, 41.8350,
21.8005

■ 138.1420, 41.8350,
21.8005

255.0000, 0.0000,
0.0000

■ 111.9030, 40.9668,
20.2561

■ 189.9440, 32.0726,
26.3591

■ 85.9630, 39.9512,
19.3264

■ 214.7630, 19.8368,
30.9028

■ 60.1370, 39.3725,
18.2969

■ 233.2810, 10.7075,
19.0476

■ 32.9520, 39.9567,
17.5821

■ 249.7170, 2.6045,
4.6332

■ 17.0230, 35.4847,
5.2418

■ 7.4100, 28.3919,
-6.4986

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 138.1420, 41.8350,
21.8005

■ 138.1420, 41.8350,
21.8005

■ 121.6400, 49.9705,
25.7487

■ 154.6440, 33.6995,
17.8522

■ 104.8500, 58.2480,
30.8266

■ 171.4340, 25.4220,
12.7744

■ 88.3480, 66.3834,
34.7748

■ 187.9360, 17.2866,
8.8261

■ 71.8460, 74.5189,
38.7231

■ 204.4380, 9.1511,
4.8779

■ 57.1160, 81.7808,
42.8713

■ 220.9400, 1.0156,
0.9296

■ 237.7300, -7.2619,
-4.1482

■ 248.3620,
-12.5035, -2.9485

■ 251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



107.9300, 69.5475, -93.7776



138.1420, 41.8350, 21.8005



133.4510, 19.9907, 75.0265

Triad

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



138.1420, 41.8350, 21.8005



126.3750, -62.3029, 56.6761



112.1770, 21.1117, -98.3792

Complementary

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



138.1420, 41.8350, 21.8005



193.8580, -41.8350, -21.8005

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.



104.0490, -4.9542, -91.2510



138.1420, 41.8350, 21.8005



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.



138.1420, 41.8350, 21.8005



128.5320, -33.2933, 85.4794



116.3510, -39.6130, -34.5108



117.1590, 45.2776, -102.7484

Rectangle

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



138.1420, 41.8350, 21.8005



127.9190, 3.4909, 93.9100



116.3510, -39.6130, -34.5108



109.8970, 12.3758, -96.3797

Sweetspot

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



138.1420, 41.8350, 21.8005



226.7140, 13.9450, 7.2668



157.8030, 32.1421, -42.8002



110.6120, 8.5723, 3.8483



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.



138.1420, 41.8350, 21.8005



138.9100, 57.2324, 29.8969



154.8860, 33.5802, 56.2280



103.7490, 4.0677, 1.9741



44.8810, 64.6417, 33.4304



12.3490, 17.5759, 9.3409

Inverse Universe

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



149.9260, 9.4035, 64.0859



154.9920, 12.8219, 87.7070



177.1140, -33.5802, -56.2280



104.9730, 0.9993, 6.1627



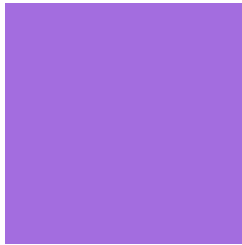
63.2260, 14.6786, 98.9028



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 138.1420, 41.8350, 21.8005 looks on a white background.

Color Contrast Check

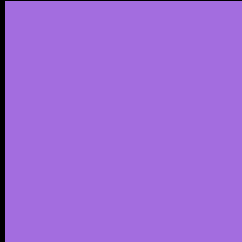
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1420, 41.8350, 21.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

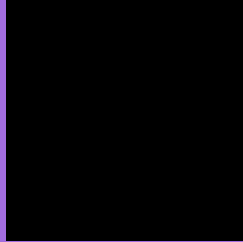
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1420, 41.8350, 21.8005

Background



This preview shows how black text looks on a background with the YUV color 138.1420, 41.8350, 21.8005.



This preview shows how white text looks on a background with the YUV color 138.1420, 41.8350,

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

138.1420, 41.8350, 21.8005

Protanopia

128.3340, 57.0233, -43.2659

Deuteranopia

129.5120, 43.6246, -39.0370



Tritanopia

135.9350, 2.0040, 10.5810

Trichromacy



Original Color

138.1420, 41.8350, 21.8005

Protanomaly

131.9950, 51.2745, -19.2896

Deuteranomaly

132.8290, 42.9753, -17.3900

Tritanomaly

136.7410, 16.3967, 14.2591

Monochromacy



Original Color

138.1420, 41.8350, 21.8005

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 138.1420, 41.8350, 21.8005 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(163, 109, 223)` looks like.

```
.text, #text, p{  
    color:rgb(163, 109, 223)  
}
```

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(163, 109, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 109, 223) }
```

Border

The CSS property to change the border of an element to YUV 138.1420, 41.8350, 21.8005 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(163, 109, 223) }
```


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

```
.border{ border-color:rgb(163, 109, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 109, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 109, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 109, 223);  
box-shadow:4px 4px 4px 4px rgb(163, 109,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 138.1420, 41.8350, 21.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 109, 223) }
```

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

```
.background{ background-color: rgb(163,  
109, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor