

Converting Colors

YUV(118.2140, 22.5725,
40.1543)

Have a look what the booklet for
YUV(118.2140, 22.5725, 40.1543)
contains.

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Color

**YUV(118.2140, 22.5725,
40.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	A456A4
RGB	164, 86, 164
RGB Percent	64%, 34%, 64%
CMY	0.3569, 0.6627, 0.3569
CMYK	0.00, 0.48, 0.00, 0.36
HSL	300°, 31%, 49%
HSV	300°, 48%, 64%
XYZ	25.3385, 17.2284, 37.1119
YIQ	118.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

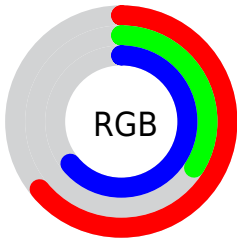
Format	Color
R_{YB}	164, 86, 164
Decimal	10770084
CIE _{Lab}	48.55, 43.58, -28.42
CIE _{LCh}	49, 52.028, 326.892
Yxy	17.2284, 0.3180, 0.2162
Android (android.graphics.Color)	4288960164 (0xFFA456A4)
YUV	118.2140, 22.5725, 40.1543
Hunter-Lab	41.5071, 36.3297, -23.9567

Details

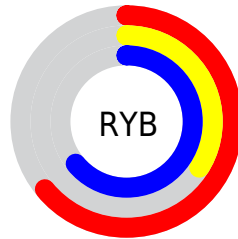
The YUV color **118.2140, 22.5725, 40.1543** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.7860, -22.5725, -40.1543**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0510, 23.1459, 42.9283**, and **66.2030, 22.5779, 38.4100** is the 20% darker color. If you saturate the color by 10%, you get **108.8220, 27.2028, 48.3911**, and if you desaturate by 10%, it is **127.6060, 17.9422, 31.9175**.

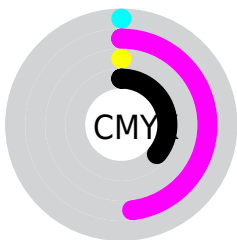
Distribution



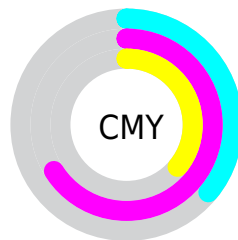
- Red (64%)
- Green (34%)
- Blue (64%)



- Red (64%)
- Yellow (34%)
- Blue (64%)



- Cyan (0%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2140, 22.5725, 40.1543 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 118.2140, 22.5725, 40.1543 by changing the saturation by 10% instead.

■ 118.2140, 22.5725,
40.1543

■ 118.2140, 22.5725,
40.1543

■ 255.0000, 0.0000,
0.0000

■ 92.5020, 22.4305,
39.0247

■ 172.0510, 23.1459,
42.9283

■ 66.2030, 22.5779,
38.4100

■ 200.4640, 23.4352,
43.4431

■ 36.7950, 24.7511,
41.3988

■ 218.6060, 17.9422,
31.9175

■ 24.8230, 18.8213,
29.9732

■ 235.6290, 9.5499,
16.9884

■ 16.0360, 12.3073,
19.2624

■ 252.6520, 1.1576,
2.0592

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 118.2140, 22.5725,
40.1543

■ 118.2140, 22.5725,
40.1543

■ 108.8220, 27.2028,
48.3911

■ 127.6060, 17.9422,
31.9175

■ 98.8430, 32.1224,
57.1427

■ 137.5850, 13.0226,
23.1660

■ 89.4510, 36.7527,
65.3795

■ 146.9770, 8.3923,
14.9292

■ 79.4720, 41.6723,
74.1311

■ 156.9560, 3.4727,
6.1776

■ 70.0800, 46.3026,
82.3678

■ 166.3480, -1.1576,
-2.0592

■ 67.7320, 47.4601,
84.4270

■ 175.7400, -5.7878,
-10.2960

■ 185.7190,
-10.7075, -19.0476

■ 195.1110,
-15.3377, -27.2843

■ 205.0900,
-20.2574, -36.0359

Harmonies

Analogous

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



116.3310, 38.2908, -8.1833



118.2140, 22.5725, 40.1543



113.8680, 4.0091, 67.6448

Triad

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



118.2140, 22.5725, 40.1543



109.4990, -47.0810, 27.6264



97.3880, 27.9097, -85.4093

Complementary

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



118.2140, 22.5725, 40.1543



131.7860, -22.5725, -40.1543

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.



92.2580, 8.2538, -80.9103



118.2140, 22.5725, 40.1543



105.4670, -38.6842, -5.6716

Square

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



118.2140, 22.5725, 40.1543



111.8780, -34.9429, 54.4810



94.7610, -14.6722, -54.1644



98.9160, 43.9184, -86.7493

Rectangle

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



118.2140, 22.5725, 40.1543



112.2310, -9.9739, 72.5884



94.7610, -14.6722, -54.1644



95.7920, 21.7945, -84.0096

Sweetspot

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



118.2140, 22.5725, 40.1543



196.3900, 8.6817, 15.4440



94.8920, 34.0702, -7.7983



96.4340, 5.2090, 9.2664



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.2140, 22.5725, 40.1543



142.3860, 35.3057, 62.8055



113.7680, 5.5374, 44.0535



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Inverse Universe

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



118.2140, 22.5725, 40.1543



142.3860, 35.3057, 62.8055



136.2320, -5.5374, -44.0535



76.7170, 2.6045, 4.6332



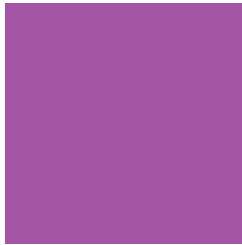
59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 118.2140, 22.5725, 40.1543 looks on a white background.

Color Contrast Check

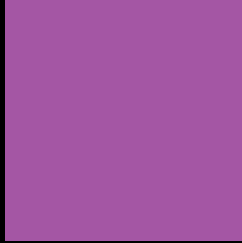
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.2140, 22.5725, 40.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

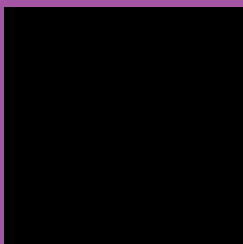
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.2140, 22.5725, 40.1543

Background



This preview shows how black text looks on a background with the YUV color 118.2140, 22.5725, 40.1543.



This preview shows how white text looks on a background with the YUV color 118.2140, 22.5725,

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

118.2140, 22.5725, 40.1543

Protanopia

113.6620, 36.1556, -23.3826

Deuteranopia

115.5420, 21.4248, -11.8763



Tritanopia

117.2540, -5.0552, 34.8572

Trichromacy



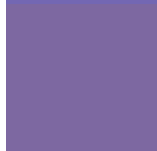
Original Color

118.2140, 22.5725, 40.1543



Protanomaly

115.2520, 31.4278, -0.2210



Deuteranomaly

116.7770, 21.8019, 7.2116



Tritanomaly

117.6100, 5.1223, 37.1760

Monochromacy



Original Color

118.2140, 22.5725, 40.1543



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2140, 22.5725, 40.1543 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, 86, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 164)  
}
```

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, 86, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 164) }
```

Border

The CSS property to change the border of an element to YUV 118.2140, 22.5725, 40.1543 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, 86, 164) }
```


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

```
.border{ border-color:rgb(164, 86, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 86, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 118.2140, 22.5725, 40.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 164) }
```

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

```
.background{ background-color: rgb(164, 86,  
164) }
```

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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