

# Converting Colors

YUV(135.2140, 22.5725,  
40.1543)

Have a look what the booklet for  
YUV(135.2140, 22.5725, 40.1543)  
contains.

|  |    |
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# Color

**YUV(135.2140, 22.5725,  
40.1543)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B567B5                     |
| RGB           | 181, 103, 181              |
| RGB Percent   | 71%, 40%, 71%              |
| CMY           | 0.2902, 0.5961, 0.2902     |
| CMYK          | 0.00, 0.43, 0.00, 0.29     |
| HSL           | 300°, 35%, 56%             |
| HSV           | 300°, 43%, 71%             |
| XYZ           | 32.2468, 22.8604, 46.4290  |
| YIQ           | 135.2140, 21.4500, 40.7940 |

# Conversions

## Conversions Part 2

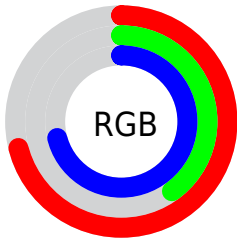
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 181, 103, 181                 |
| Decimal                             | 11888565                      |
| CIE <sub>Lab</sub>                  | 54.93, 43.00, -28.25          |
| CIE <sub>LCh</sub>                  | 55, 51.449, 326.701           |
| Yxy                                 | 22.8604, 0.3176,<br>0.2251    |
| Android<br>(android.graphics.Color) | 4290078645<br>(0xFFB567B5)    |
| YUV                                 | 135.2140, 22.5725,<br>40.1543 |
| Hunter-Lab                          | 47.8126, 36.7157,<br>-24.1054 |

# Details

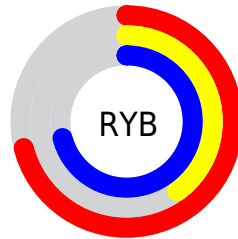
The YUV color **135.2140, 22.5725, 40.1543** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **148.7860, -22.5725, -40.1543**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7520, 23.2933, 42.3135**, and **82.7900, 22.2885, 37.8952** is the 20% darker color. If you saturate the color by 10%, you get **124.6480, 27.7815, 49.4207**, and if you desaturate by 10%, it is **145.7800, 17.3635, 30.8879**.

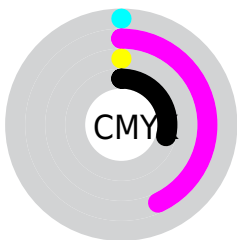
# Distribution



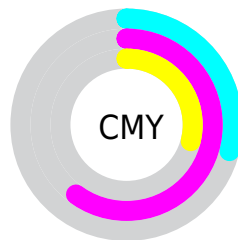
- Red (71%)
- Green (40%)
- Blue (71%)



- Red (71%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)




- Cyan (29%)
- Magenta (60%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 135.2140, 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 135.2140, 22.5725, 40.1543 by changing the saturation by 10% instead.





 135.2140, 22.5725,  
40.1543


 135.2140, 22.5725,  
40.1543


255.0000, 0.0000,  
0.0000


 108.5020, 22.4305,  
39.0247


 189.7520, 23.2933,  
42.3135

 82.7900, 22.2885,  
37.8952


 213.3230, 20.5468,  
36.5507


 56.3170, 23.0147,  
38.3100

 229.7590, 12.4438,  
22.1364

 31.0180, 23.1621,  
37.6952

 246.7820, 4.0515,  
7.2072

 21.2200, 16.6535,  
25.2401

 11.2370, 10.7292,  
12.0702

 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 135.2140, 22.5725,  
40.1543

■ 135.2140, 22.5725,  
40.1543

■ 124.6480, 27.7815,  
49.4207

■ 145.7800, 17.3635,  
30.8879

■ 114.0820, 32.9906,  
58.6871

■ 156.3460, 12.1544,  
21.6216

■ 103.5160, 38.1996,  
67.9535

■ 166.9120, 6.9454,  
12.3552

■ 92.9500, 43.4087,  
77.2198

■ 177.4780, 1.7363,  
3.0888

■ 82.3840, 48.6177,  
86.4862

■ 188.6310, -3.7621,  
-6.6924

74.7530, 52.3798,  
93.1786

199.1970, -8.9711,  
-15.9588

209.7630,  
-14.1802, -25.2252

220.3290,  
-19.3892, -34.4915

224.4380,  
-21.4149, -38.0951

# Harmonies

## Analogous

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



132.7440, 38.5802, -7.6685



135.2140, 22.5725, 40.1543



131.6400, 3.1355, 67.8447

# Triad

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



135.2140, 22.5725, 40.1543



126.9660, -45.3392, 28.9708



109.1910, 29.9788, -95.7605

# Complementary

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



135.2140, 22.5725, 40.1543



148.7860, -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.



104.0610, 10.3229, -91.2615



135.2140, 22.5725, 40.1543



122.6950, -37.8106, -5.8715

# Square

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



135.2140, 22.5725, 40.1543



128.7750, -35.3851, 56.3253



113.3270, -16.4302, -50.2758



110.2460, 46.7137, -96.6857



# Rectangle

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



135.2140, 22.5725, 40.1543



130.0030, -10.8475, 72.7884



113.3270, -16.4302, -50.2758



107.5950, 23.8637, -94.3608

# Sweetspot

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



135.2140, 22.5725, 40.1543



216.8030, 8.9711, 15.9588



111.8920, 34.0702, -7.7983



106.4340, 5.2090, 9.2664



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



135.2140, 22.5725, 40.1543



163.3860, 35.3057, 62.8055



130.7680, 5.5374, 44.0535



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848



# Inverse Universe

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



135.2140, 22.5725, 40.1543



163.3860, 35.3057, 62.8055



153.2320, -5.5374, -44.0535



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848



# Previews

## White Background



This preview shows how the YUV color 135.2140, 22.5725, 40.1543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

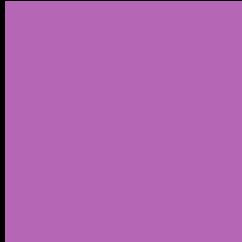
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 135.2140, 22.5725, 40.1543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

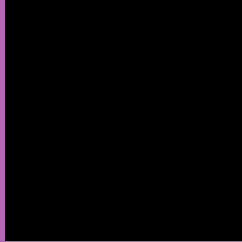
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.2140, 22.5725, 40.1543

## Background



This preview shows how black text looks on a background with the YUV color 135.2140, 22.5725, 40.1543.



This preview shows how white text looks on a background with the YUV color 135.2140, 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

135.2140, 22.5725, 40.1543

### Protanopia

131.0320, 34.9872, -21.9531

### Deuteranopia

132.2540, 21.5668, -10.7468



## Tritanopia

134.2540, -5.0552, 34.8572

# Trichromacy



## Original Color

135.2140, 22.5725, 40.1543

## Protanomaly

132.3230, 30.4068, 0.5937

## Deuteranomaly

133.1900, 22.0913, 7.7264

## Tritanomaly

134.6100, 5.1223, 37.1760

# Monochromacy



## Original Color

135.2140, 22.5725, 40.1543

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.9770, 8.3923, 14.9292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.2140, 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(181, 103, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 103, 181)  
}
```

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(181, 103, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 103, 181) }
```

## Border

The CSS property to change the border of an element to YUV 135.2140, 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(181, 103, 181) }
```



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

```
.border{ border-color:rgb(181, 103, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 103, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 103, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 103, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 103,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 135.2140, 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(181, 103, 181) }
```

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

```
.background{ background-color: rgb(181,  
103, 181) }
```

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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