

Converting Colors

YUV(149.4420, 16.5441,
13.6444)

Have a look what the booklet for
YUV(149.4420, 16.5441, 13.6444)
contains.

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Color

**YUV(149.4420, 16.5441,
13.6444)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | A587B7 |
| RGB | 165, 135, 183 |
| RGB Percent | 65%, 53%, 72% |
| CMY | 0.3529, 0.4706, 0.2824 |
| CMYK | 0.10, 0.26, 0.00, 0.28 |
| HSL | 278°, 25%, 62% |
| HSV | 278°, 26%, 72% |
| XYZ | 32.7283, 28.7462, 48.6233 |
| YIQ | 149.4420, 2.4720, 21.2880 |

Conversions

Conversions Part 2

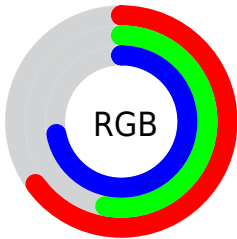
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 135, 183 |
| Decimal | 10848183 |
| CIE _{Lab} | 60.56, 20.47, -20.88 |
| CIE _{LCh} | 61, 29.236, 314.434 |
| Yxy | 28.7462, 0.2973, 0.2611 |
| Android (android.graphics.Color) | 4289038263 (0xFFA587B7) |
| YUV | 149.4420, 16.5441, 13.6444 |
| Hunter-Lab | 53.6155, 15.1340, -16.2387 |

Details

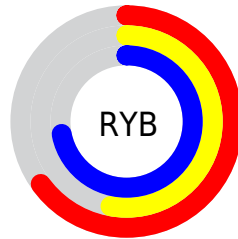
The YUV color **149.4420, 16.5441, 13.6444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **168.5580, -16.5441, -13.6444**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3820, 17.5597, 14.5740**, and **98.5020, 15.5285, 12.7147** is the 20% darker color. If you saturate the color by 10%, you get **136.7830, 22.7850, 18.6073**, and if you desaturate by 10%, it is **162.1010, 10.3032, 8.6814**.

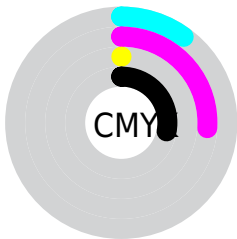
Distribution



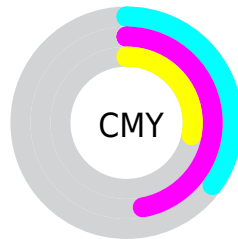
- Red (65%)
- Green (53%)
- Blue (72%)



- Red (65%)
- Yellow (53%)
- Blue (72%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4420, 16.5441, 13.6444 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 149.4420, 16.5441, 13.6444 by changing the saturation by 10% instead.

■ 149.4420, 16.5441,
13.6444

■ 149.4420, 16.5441,
13.6444

255.0000, 0.0000,
0.0000

■ 123.6160, 15.9653,
12.6148

■ 203.3820, 17.5597,
14.5740

■ 98.5020, 15.5285,
12.7147

■ 230.3130, 12.1707,
16.3885

■ 74.6760, 14.9497,
11.6851

■ 249.1300, 2.8939,
5.1480

■ 51.1490, 14.2235,
11.2703

■ 29.3230, 13.6448,
10.2407

■ 11.2800, 12.1870,
11.1554

■ 1.2540, 4.8048,

-1.0998

0.0000, 0.0000,
0.0000

149.4420, 16.5441,
13.6444

149.4420, 16.5441,
13.6444

136.7830, 22.7850,
18.6073

162.1010, 10.3032,
8.6814

123.5370, 29.3153,
24.0851

175.3470, 3.7729,
3.2037

110.8780, 35.5561,
29.0480

188.0060, -2.4680,
-1.7593

98.5180, 41.6496,
34.6257

200.3660, -8.5614,
-7.3370

85.8590, 47.8905,
39.5887

213.6120,
-15.0917, -12.8147

72.6130, 54.4208,
45.0664

226.2710,
-21.3326, -17.7777

59.9540, 60.6617,
50.0293

234.2340,
-25.2584, -18.6222

54.9480, 63.1296,
51.7886

236.3270,
-26.2902, -14.3188

238.4200,
-27.3221, -10.0153

Harmonies

Analogous

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



145.7420, 24.7772, -13.8057



149.4420, 16.5441, 13.6444



149.7020, 5.5699, 33.5873

Triad

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



149.4420, 16.5441, 13.6444



145.8620, -24.0890, 26.4310



131.0680, 13.2775, -58.8186

Complementary

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



149.4420, 16.5441, 13.6444



168.5580, -16.5441, -13.6444

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.



135.4760, -2.2067, -39.0055



149.4420, 16.5441, 13.6444



142.9690, -23.1557, 7.0432

Square

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



149.4420, 16.5441, 13.6444



146.9590, -17.7278, 39.5010



139.7750, -15.6651, -15.5887



131.3200, 24.4922, -62.5476

Rectangle

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



149.4420, 16.5441, 13.6444



148.8680, -2.8929, 41.3348



139.7750, -15.6651, -15.5887



132.4340, 8.1670, -53.0006

Sweetspot

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



149.4420, 16.5441, 13.6444



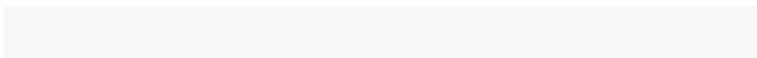
223.7540, 6.5303, 5.4777



151.0380, 15.7573, -14.0653



111.4610, 4.2097, 3.1037



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.4420, 16.5441, 13.6444



186.0760, 25.1055, 20.9813



154.1400, 11.2700, 25.3102



85.5210, 3.1941, 2.1741



46.7870, 53.8420, 44.0368



8.5740, 9.5770, 8.2666

Inverse Universe

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



151.4040, 0.7868, 27.7097



188.9050, 1.0328, 42.1793



163.8600, -11.2700, -25.3102



86.0330, -0.0163, 5.2331



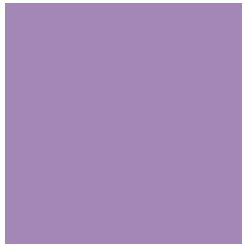
53.2560, 2.3388, 90.1065



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 149.4420, 16.5441, 13.6444 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 149.4420, 16.5441, 13.6444 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 149.4420, 16.5441, 13.6444

Background



This preview shows how black text looks on a background with the YUV color 149.4420, 16.5441, 13.6444.



This preview shows how white text looks on a background with the YUV color 149.4420, 16.5441, 13.6444.

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

149.4420, 16.5441, 13.6444

Protanopia

146.8410, 21.2774, -11.2616

Deuteranopia

147.0330, 16.7457, -4.4139



Tritanopia

147.9350, 2.0040, 10.5810

Trichromacy



Original Color

149.4420, 16.5441, 13.6444

Protanomaly

147.4400, 19.5031, -2.1399

Deuteranomaly

147.7780, 16.8714, 1.9487

Tritanomaly

148.6130, 7.0928, 11.7404

Monochromacy



Original Color

149.4420, 16.5441, 13.6444

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2270, 5.8041, 5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4420, 16.5441, 13.6444 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(165, 135, 183)` looks like.

```
.text, #text, p{  
    color:rgb(165, 135, 183)  
}
```

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(165, 135, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 135, 183) }
```

Border

The CSS property to change the border of an element to YUV 149.4420, 16.5441, 13.6444 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(165, 135, 183) }
```


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

```
.border{ border-color:rgb(165, 135, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 135, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 135, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 135, 183);  
box-shadow:4px 4px 4px 4px rgb(165, 135,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 149.4420, 16.5441, 13.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 135, 183) }
```

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

```
.background{ background-color: rgb(165,  
135, 183) }
```

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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