

Converting Colors

YUV(159.4340, 25.4220,
12.7744)

Have a look what the booklet for
YUV(159.4340, 25.4220, 12.7744)
contains.

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Color

**YUV(159.4340, 25.4220,
12.7744)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8ED3
RGB	174, 142, 211
RGB Percent	68%, 56%, 83%
CMY	0.3176, 0.4431, 0.1725
CMYK	0.18, 0.33, 0.00, 0.17
HSL	268°, 44%, 69%
HSV	268°, 33%, 83%
XYZ	38.8864, 33.0478, 65.9573
YIQ	159.4340, -3.0770, 28.2430

Conversions

Conversions Part 2

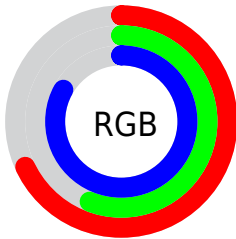
Format	Color
RYB	174, 142, 211
Decimal	11439827
CIELab	64.20, 25.50, -30.95
CIElCh	64, 40.099, 309.482
Yxy	33.0478, 0.2820, 0.2397
Android (android.graphics.Color)	4289629907 (0xFFAE8ED3)
YUV	159.4340, 25.4220, 12.7744
Hunter-Lab	57.4872, 20.1412, -27.7847

Details

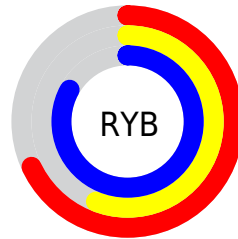
The YUV color **159.4340, 25.4220, 12.7744** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.5660, -25.4220, -12.7744**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8920, 20.7592, 15.0037**, and **107.0810, 24.1171, 11.3300** is the 20% darker color. If you saturate the color by 10%, you get **143.8180, 33.1207, 16.8226**, and if you desaturate by 10%, it is **175.0500, 17.7234, 8.7262**.

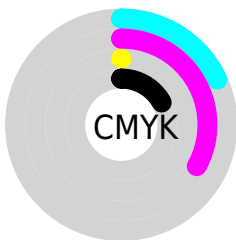
Distribution



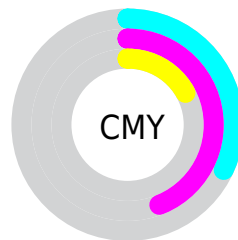
- Red (68%)
- Green (56%)
- Blue (83%)



- Red (68%)
- Yellow (56%)
- Blue (83%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (32%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4340, 25.4220, 12.7744 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 159.4340, 25.4220, 12.7744 by changing the saturation by 10% instead.

■ 159.4340, 25.4220,
12.7744

■ 159.4340, 25.4220,
12.7744

255.0000, 0.0000,
0.0000

■ 132.9070, 24.6958,
12.3596

■ 212.8920, 20.7592,
15.0037

■ 107.0810, 24.1171,
11.3300

■ 236.8030, 8.9711,
15.9588

■ 82.5540, 23.3909,
10.9151

■ 253.8260, 0.5788,
1.0296

■ 59.2010, 22.0859,
9.4707

■ 36.3750, 21.5071,
8.4411

■ 13.3750, 21.5071,
8.4411

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 159.4340, 25.4220,
12.7744

■ 159.4340, 25.4220,
12.7744

■ 143.8180, 33.1207,
16.8226

■ 175.0500, 17.7234,
8.7262

■ 127.9030, 40.9668,
20.2561

■ 190.9650, 9.8773,
5.2927

■ 112.2870, 48.6655,
24.3043

■ 206.5810, 2.1786,
1.2445

■ 96.6710, 56.3642,
28.3525

■ 222.1970, -5.5201,
-2.8038

80.7560, 64.2103,
31.7860

238.6990,
-13.6556, -6.7520

64.5530, 72.1984,
36.3490

246.0970,
-17.3028, -3.5931

53.3560, 77.7185,
39.1528

249.3860,
-18.9243, 3.1695

249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



152.6290, 36.1719, -28.6156



159.4340, 25.4220, 12.7744



160.1360, 10.7790, 42.8537

Triad

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



159.4340, 25.4220, 12.7744



154.7620, -32.4207, 38.7967



121.0620, 22.1544, -106.1714

Complementary

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



159.4340, 25.4220, 12.7744



193.5660, -25.4220, -12.7744

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.



139.8890, -5.3683, -51.6457



159.4340, 25.4220, 12.7744



151.5540, -33.7971, 13.5461

Square

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



159.4340, 25.4220, 12.7744



156.3200, -21.8498, 54.9704



147.5870, -23.9534, -17.1778



123.7640, 37.5843, -108.5410

Rectangle

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



159.4340, 25.4220, 12.7744



158.6400, -0.3155, 54.6897



147.5870, -23.9534, -17.1778



130.1590, 11.7536, -83.4544

Sweetspot

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



159.4340, 25.4220, 12.7744



236.1390, 9.2985, 4.2631



172.1720, 19.1422, -26.4608



115.9170, 5.9569, 2.7038



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.



159.4340, 25.4220, 12.7744



181.0400, 36.4623, 18.3819



169.6000, 20.4102, 33.6768



96.7490, 4.0677, 1.9741



42.4740, 61.8843, 31.1563



10.3550, 15.1080, 7.5817

Inverse Universe

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



166.8490, 5.9904, 38.7204



191.6430, 8.5570, 55.5641



183.4000, -20.4102, -33.6768



97.9730, 0.9993, 6.1627



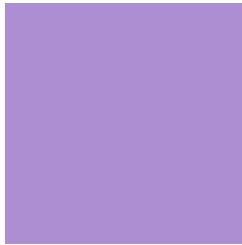
60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 159.4340, 25.4220, 12.7744 looks on a white background.

Color Contrast Check

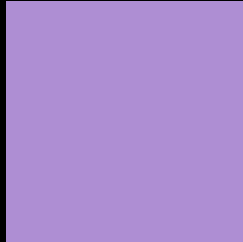
Large Text (above 18pt) WCAG AA × Fail

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 159.4340, 25.4220, 12.7744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

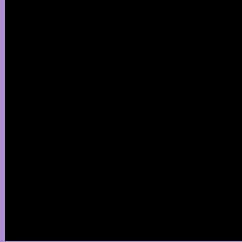
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4340, 25.4220, 12.7744

Background



This preview shows how black text looks on a background with the YUV color 159.4340, 25.4220, 12.7744.



This preview shows how white text looks on a background with the YUV color 159.4340, 25.4220,

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

159.4340, 25.4220, 12.7744

Protanopia

155.2560, 31.9188, -17.7645

Deuteranopia

155.7960, 26.2296, -12.9761



Tritanopia

156.8530, 3.0305, 8.0219

Trichromacy



Original Color

159.4340, 25.4220, 12.7744

Protanomaly

156.7520, 29.7023, -6.7985

Deuteranomaly

157.1500, 26.0551, -3.6395

Tritanomaly

157.9270, 10.8820, 9.7110

Monochromacy



Original Color

159.4340, 25.4220, 12.7744

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1390, 9.2985, 4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4340, 25.4220, 12.7744 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(174, 142, 211)` looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 211)  
}
```

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(174, 142, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 211) }
```

Border

The CSS property to change the border of an element to YUV 159.4340, 25.4220, 12.7744 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(174, 142, 211) }
```


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

```
.border{ border-color:rgb(174, 142, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 142, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 142, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 142, 211); box-shadow:4px 4px 4px 4px rgb(174, 142, 211) }
```

Background

The CSS property to change the background color of an element to YUV 159.4340, 25.4220, 12.7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 211) }
```

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

```
.background{ background-color: rgb(174,  
142, 211) }
```

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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