

Converting Colors

YUV(124.8660, 34.0831,
81.6785)

Have a look what the booklet for
YUV(124.8660, 34.0831, 81.6785)
contains.

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Color

**YUV(124.8660, 34.0831,
81.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	DA40C2
RGB	218, 64, 194
RGB Percent	85%, 25%, 76%
CMY	0.1451, 0.7490, 0.2392
CMYK	0.00, 0.71, 0.11, 0.15
HSL	309°, 68%, 55%
HSV	309°, 71%, 85%
XYZ	40.4844, 22.4673, 53.2418
YIQ	124.8660, 50.0540, 73.0780

Conversions

Conversions Part 2

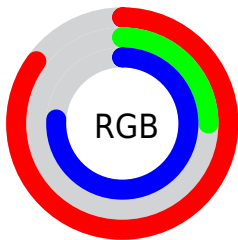
Format	Color
RYB	218, 64, 194
Decimal	14303426
CIELab	54.52, 72.24, -35.98
CIELCh	55, 80.703, 333.523
Yxy	22.4673, 0.3484, 0.1934
Android (android.graphics.Color)	4292493506 (0xFFDA40C2)
YUV	124.8660, 34.0831, 81.6785
Hunter-Lab	47.3996, 69.5090, -33.4179

Details

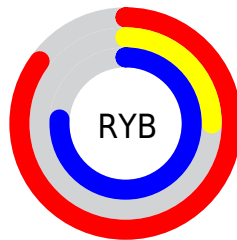
The YUV color **124.8660, 34.0831, 81.6785** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **157.1340, -34.0831, -81.6785**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6470, 36.1630, 67.8386**, and **63.5010, 37.7140, 83.7526** is the 20% darker color. If you saturate the color by 10%, you get **111.6100, 39.1393, 93.3040**, and if you desaturate by 10%, it is **138.1220, 29.0269, 70.0530**.

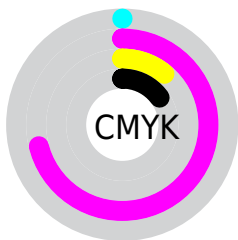
Distribution



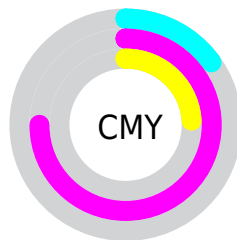
- Red (85%)
- Green (25%)
- Blue (76%)



- Red (85%)
- Yellow (25%)
- Blue (76%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (15%)





- Cyan (15%)
- Magenta (75%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.8660, 34.0831, 81.6785 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 124.8660, 34.0831, 81.6785 by changing the saturation by 10% instead.

 124.8660, 34.0831,
81.6785


 124.8660, 34.0831,
81.6785

255.0000, 0.0000,
0.0000


 89.9250, 37.9980,
86.0118


 177.6470, 36.1630,
67.8386


 63.5010, 37.7140,
83.7526


 195.1260, 29.5179,
52.5095

 51.8660, 30.6321,
68.5235


 212.7360, 20.8362,
37.0655

 40.6440, 23.8395,
53.8092

 229.7590, 12.4438,
22.1364

 29.8350, 17.3363,
39.6097

 247.3690, 3.7621,
6.6924

 19.1400, 11.2700,
25.3102

 3.4760, 8.1463,

0.4595

■ 0.0000, 0.0000,
0.0000

■ 124.8660, 34.0831,
81.6785

■ 124.8660, 34.0831,
81.6785

■ 111.6100, 39.1393,
93.3040

■ 138.1220, 29.0269,
70.0530

■ 98.2400, 43.7587,
105.0295

■ 151.4920, 24.4074,
58.3275

■ 86.1580, 48.2361,
115.6254

■ 164.1610, 19.6406,
47.2168

■ 177.5310, 15.0212,
35.4913

■ 190.7870, 9.9650,
23.8658

■ 204.0430, 4.9088,
12.2403

■ 217.4130, 0.2894,
0.5148

■ 230.0820, -4.4774,
-10.5959

■ 240.5170, -7.6499,
-19.7474

Harmonies

Analogous

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



131.4460, 57.4611, 3.1169



124.8660, 34.0831, 81.6785



105.1370, 9.7925, 126.1679

Triad

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



124.8660, 34.0831, 81.6785



121.4590, -59.8793, 25.9075



117.4040, 43.6778, -102.9633

Complementary

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



124.8660, 34.0831, 81.6785



157.1340, -34.0831, -81.6785

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.



109.5380, 13.5388, -96.0648



124.8660, 34.0831, 81.6785



109.3120, -53.8908, -28.3376

Square

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



124.8660, 34.0831, 81.6785



121.4680, -59.8837, 74.1346



98.7540, -17.6267, -86.6073



118.8810, 67.1067, -104.2586

Rectangle

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



124.8660, 34.0831, 81.6785



110.2740, -14.9251, 120.7857



98.7540, -17.6267, -86.6073



115.0100, 34.5051, -100.8638

Sweetspot

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



124.8660, 34.0831, 81.6785



222.3900, 12.1327, 28.5990



88.4330, 63.8765, -1.2567



108.6460, 7.0765, 16.9735



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.



124.8660, 34.0831, 81.6785



123.7450, 47.9467, 115.1106



116.2020, 0.8864, 89.2768



103.3150, 2.3097, 5.8627



68.3710, 38.2711, 91.7596



18.2000, 10.2544, 24.3806

Inverse Universe

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



124.8660, 34.0831, 81.6785



123.7450, 47.9467, 115.1106



165.7980, -0.8864, -89.2768



103.3150, 2.3097, 5.8627



68.3710, 38.2711, 91.7596



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 124.8660, 34.0831, 81.6785 looks on a white background.

Color Contrast Check

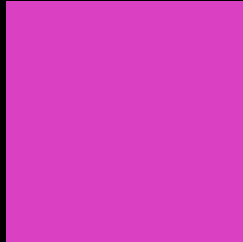
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8660, 34.0831, 81.6785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

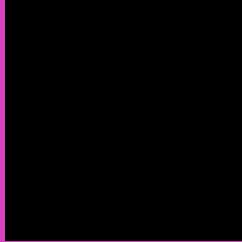
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.8660, 34.0831, 81.6785

Background



This preview shows how black text looks on a background with the YUV color 124.8660, 34.0831, 81.6785.



This preview shows how white text looks on a background with the YUV color 124.8660, 34.0831, 81.6785.

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

124.8660, 34.0831, 81.6785

Protanopia

122.0710, 62.5760, -50.9283

Deuteranopia

130.1870, 26.5298, -15.9500



Tritanopia

129.0690, -14.3310, 70.0995

Trichromacy



Original Color

124.8660, 34.0831, 81.6785



Protanomaly

123.0340, 52.2412, -2.6608



Deuteranomaly

128.2160, 29.4735, 19.9816



Tritanomaly

127.3850, 3.2612, 74.2074

Monochromacy



Original Color

124.8660, 34.0831, 81.6785



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.1020, 12.2747, 29.7285

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8660, 34.0831, 81.6785 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(218, 64, 194)` looks like.

```
.text, #text, p{  
    color:rgb(218, 64, 194)  
}
```

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(218, 64, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 64, 194) }
```

Border

The CSS property to change the border of an element to YUV 124.8660, 34.0831, 81.6785 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(218, 64, 194) }
```


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

```
.border{ border-color:rgb(218, 64, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 64, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 64, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 64, 194); box-shadow:4px 4px 4px 4px rgb(218, 64, 194) }
```

Background

The CSS property to change the background color of an element to YUV 124.8660, 34.0831, 81.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 64, 194) }
```

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

```
.background{ background-color: rgb(218, 64,  
194) }
```

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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