

Converting Colors

XYZ(61.0203, 54.9305, 85.0124)

Have a look what the booklet for
XYZ(61.0203, 54.9305, 85.0124)
contains.

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Color

**XYZ(60.9982, 54.8676,
85.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB7EA
RGB	219, 183, 234
RGB Percent	86%, 72%, 92%
CMY	0.1412, 0.2823, 0.0823
CMYK	0.06, 0.22, 0.00, 0.08
HSL	282°, 55%, 82%
HSV	282°, 22%, 92%
XYZ	60.9982, 54.8676, 85.2174
YIQ	199.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

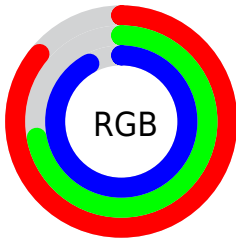
Format	Color
R_{YB}	219, 183, 234
Decimal	14399466
CIE _{Lab}	78.96, 21.95, -20.58
CIE _{LCh}	79, 30.090, 316.849
Yxy	54.8676, 0.3033, 0.2729
Android (android.graphics.Color)	4292589546 (0xFFDDBB7EA)
YUV	199.5780, 16.9700, 17.0331
Hunter-Lab	74.0727, 17.3660, -16.3597

Details

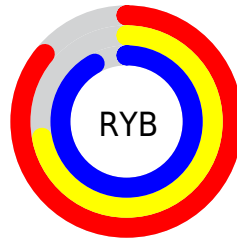
The XYZ color **60.9982, 54.8676, 85.2174** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.2607, 74.2717, 55.9095**, and the grayscale version is **54.5387, 57.3790, 62.4857**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.3284, 27.0721, 45.6937** is the 20% darker color. If you saturate the color by 10%, you get **54.5396, 44.9602, 83.6463**, and if you desaturate by 10%, it is **68.3482, 66.4285, 87.0623**.

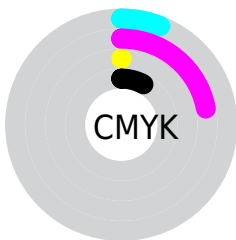
Distribution



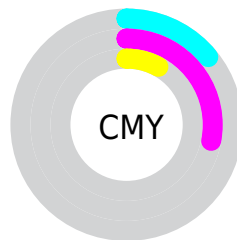
- Red (86%)
- Green (72%)
- Blue (92%)



- Red (86%)
- Yellow (72%)
- Blue (92%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)





- Cyan (14%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9982, 54.8676, 85.2174 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 XYZ color 60.9982, 54.8676, 85.2174 by changing the saturation by 10% instead.


 60.9982, 54.8676,
85.2174

 60.9982, 54.8676,
85.2174


418.0434,
405.4099, 532.5105

 44.4762, 39.2957,
63.4698


 105.3745, 97.3469,
142.5537

 31.2446, 26.9899,
45.7780


133.9595,
125.0232, 178.9796

 20.9379, 17.5656,
31.7233


167.2962,
157.5030, 221.1353

 13.1908, 10.6386,
20.8871

205.7501,
195.1709, 269.4394

 7.6380, 5.8244,
12.8511

249.6864,
238.4111, 324.3104

 3.9140, 2.7386,
7.1966

299.4704,

 1.6536, 0.9968,

287.6080, 386.1669

3.5050

355.4677,
343.1462, 455.4274

■ 0.4270, 0.0000,
1.3579

■ 0.0000, 0.0000,
0.1086

■ 60.9982, 54.8676,
85.2174

■ 60.9982, 54.8676,
85.2174

■ 54.5396, 44.9602,
83.6463

■ 68.3482, 66.4285,
87.0623

■ 48.9266, 36.6194,
82.3322

■ 76.6223, 79.7103,
89.1899

■ 44.1170, 29.7612,
81.2620

■ 85.8578, 94.7848,
91.6128

■ 40.0622, 24.2905,
80.4197

■ 88.8044, 97.1498,
91.9140

■ 36.7085, 20.1008,
79.7878

■ 91.2706, 98.4211,
92.0294

■ 33.9938, 17.0700,
79.3458

■ 91.8514, 98.7206,
92.0566

■ 31.8440, 15.0514,
79.0695

■ 30.4050, 13.9587,
78.9345

Harmonies

Analogous

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



55.5549, 54.8676, 97.1334



60.9982, 54.8676, 85.2174



64.1696, 54.8676, 67.5529

Triad

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



60.9982, 54.8676, 85.2174



54.8106, 54.8676, 33.0659



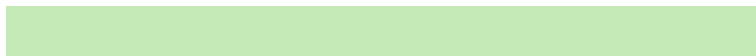
41.8994, 54.8676, 69.8056

Complementary

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



60.9982, 54.8676, 85.2174



61.2607, 74.2717, 55.9095

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.



41.7337, 54.8676, 52.5567



60.9982, 54.8676, 85.2174



48.8871, 54.8676, 33.4381

Square

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



60.9982, 54.8676, 85.2174



60.4175, 54.8676, 38.7902



44.2017, 54.8676, 39.9280



44.6734, 54.8676, 87.1359

Rectangle

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



60.9982, 54.8676, 85.2174



64.4220, 54.8676, 55.8992



44.2017, 54.8676, 39.9280



41.5447, 54.8676, 63.7559

Sweetspot

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



60.9999, 54.8699, 85.2186



87.7124, 88.1531, 107.0000



54.6446, 56.5356, 85.8751



18.6444, 18.6604, 22.8691



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.9999, 54.8699, 85.2186



70.6092, 61.2336, 102.7055



64.2942, 56.7327, 77.9420



15.2583, 15.0784, 19.0285



17.2174, 7.9118, 44.3626



1.4473, 0.6704, 3.4880

Inverse Universe

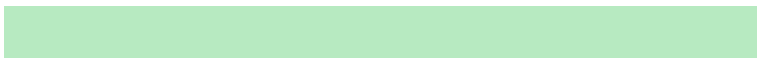
The Inverse Universe completely reimagines the original color for something new.



61.0601, 55.4390, 60.9112



70.7830, 62.0902, 68.0579



58.6012, 72.7735, 61.5297



15.2477, 15.1269, 16.5898



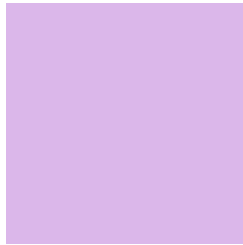
19.7162, 10.0892, 4.3068



1.5890, 0.8085, 0.5528

Previews

White Background



This preview shows how the XYZ color 60.9982, 54.8676, 85.2174 looks on a white background.

Color Contrast Check

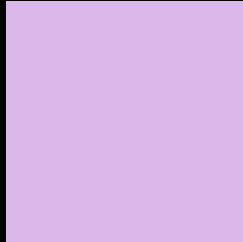
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.9982, 54.8676, 85.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

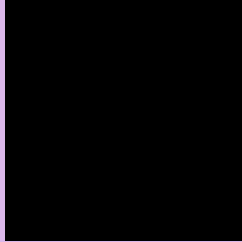
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9982, 54.8676, 85.2174

Background



This preview shows how black text looks on a background with the XYZ color 60.9982, 54.8676, 85.2174.



This preview shows how white text looks on a background with the XYZ color 60.9982, 54.8676,

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

60.9982, 54.8676, 85.2174

Protanopia

55.1766, 55.2487, 90.9750

Deuteranopia

56.2222, 54.9581, 83.9887



Tritanopia

56.7086, 55.0031, 64.1277

Trichromacy



Original Color

60.9982, 54.8676, 85.2174

Protanomaly

56.8720, 54.8703, 88.4825

Deuteranomaly

57.8680, 54.8288, 84.6238

Tritanomaly

58.2268, 54.9946, 71.1645

Monochromacy



Original Color

60.9982, 54.8676, 85.2174

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9076, 56.6024, 70.2134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9982, 54.8676, 85.2174 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(219, 183, 234)` looks like.

```
.text, #text, p{  
    color:rgb(219, 183, 234)  
}
```

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(219, 183, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 183, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.9982, 54.8676, 85.2174 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(219, 183, 234) }
```


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

```
.border{ border-color:rgb(219, 183, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 183, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 183, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 183, 234);  
box-shadow:4px 4px 4px 4px rgb(219, 183,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9982, 54.8676, 85.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 183, 234) }
```

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

```
.background{ background-color: rgb(219,  
183, 234) }
```

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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