

Converting Colors

XYZ(57.4073, 46.8730, 73.9884)

Have a look what the booklet for
XYZ(57.4073, 46.8730, 73.9884)
contains.

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Color

**XYZ(57.1676, 46.6398,
73.6995)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3A0DC |
| RGB | 227, 160, 220 |
| RGB Percent | 89%, 63%, 86% |
| CMY | 0.1098, 0.3725, 0.1373 |
| CMYK | 0.00, 0.30, 0.03, 0.11 |
| HSL | 306°, 54%, 76% |
| HSV | 306°, 30%, 89% |
| XYZ | 57.1676, 46.6398, 73.6995 |
| YIQ | 186.8730, 20.6720, 32.8640 |

Conversions

Conversions Part 2

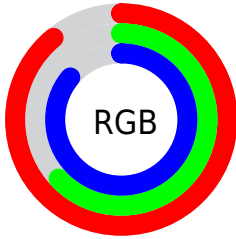
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 160, 220 |
| Decimal | 14917852 |
| CIE Lab | 73.96, 34.31, -20.50 |
| CIE LCh | 74, 39.965, 329.137 |
| Yxy | 46.6398, 0.3221, 0.2627 |
| Android (android.graphics.Color) | 4293107932 (0xFFE3A0DC) |
| YUV | 186.8730, 16.3316, 35.1914 |
| Hunter-Lab | 68.2933, 29.9070, -16.1781 |

Details

The XYZ color **57.1676, 46.6398, 73.6995** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9432, 65.2032, 46.5677**, and the grayscale version is **47.0665, 49.5176, 53.9247**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **28.8438, 21.8899, 38.3023** is the 20% darker color. If you saturate the color by 10%, you get **53.2744, 39.3518, 70.8633**, and if you desaturate by 10%, it is **61.7866, 55.3706, 76.8006**.

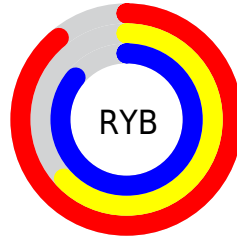
Distribution



Red (89%)

Green (63%)

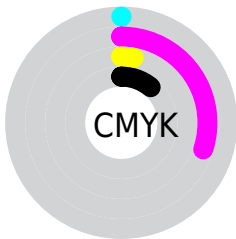
Blue (86%)



Red (89%)

Yellow (63%)

Blue (86%)

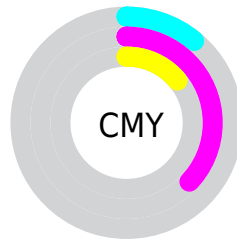


Cyan (0%)

Magenta (30%)

Yellow (3%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1676, 46.6398, 73.6995 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 57.1676, 46.6398, 73.6995 by changing the saturation by 10% instead.


 57.1676, 46.6398,
73.6995


 57.1676, 46.6398,
73.6995


404.0811,
373.3749, 492.5712

 41.3805, 32.7510,
54.0528

 99.8396, 85.1757,
126.1998

 28.8055, 21.9358,
38.2504

 127.4553,
110.5916, 159.8906

 19.0773, 13.8097,
25.8738

159.7445,
140.6186, 199.0998

 11.8305, 7.9884,
16.5043

197.0726,
175.6412, 244.2459

 6.6997, 4.0875,
9.7235

239.8049,
216.0438, 295.7476

 3.3197, 1.7227,
5.1128

288.3069,

 1.3250, 0.4383,

262.2106, 354.0234

2.2537

342.9438,
314.5262, 419.4917

■ 0.2018, 0.0000,
0.7051

■ 0.0000, 0.0000,
0.0000

■ 57.1676, 46.6398,
73.6995

■ 57.1676, 46.6398,
73.6995

■ 53.2744, 39.3518,
70.8633

■ 61.7866, 55.3706,
76.8006

■ 50.0636, 33.4222,
68.2759

■ 67.1632, 65.6103,
80.1759

■ 47.4935, 28.7672,
65.9240

■ 73.3326, 77.4285,
83.8376

■ 45.5166, 25.2913,
63.7915

■ 80.3266, 90.8886,
87.7964

44.0784, 22.8858,
61.8601

81.9846, 93.6694,
89.9989

43.1142, 21.4214,
60.1084

82.3236, 93.8050,
91.7842

42.5179, 20.6859,
58.5007

82.6672, 93.9424,
93.5935

42.4921, 20.6564,
58.4241

83.0154, 94.0817,
95.4269

83.3681, 94.2228,
97.2846

Harmonies

Analogous

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



51.3443, 46.6398, 93.3673



57.1676, 46.6398, 73.6995



59.4962, 46.6398, 51.3761

Triad

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



57.1676, 46.6398, 73.6995



44.5364, 46.6398, 20.7756



33.4027, 46.6398, 72.3952

Complementary

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



57.1676, 46.6398, 73.6995



48.9432, 65.2032, 46.5677

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.



31.9881, 46.6398, 50.1941



57.1676, 46.6398, 73.6995



37.9850, 46.6398, 23.6326

Square

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



57.1676, 46.6398, 73.6995



51.7395, 46.6398, 23.9893



33.5739, 46.6398, 33.1897



37.6635, 46.6398, 92.4832

Rectangle

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



57.1676, 46.6398, 73.6995



58.5812, 46.6398, 38.9698



33.5739, 46.6398, 33.1897



32.6002, 46.6398, 64.7701

Sweetspot

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



57.1690, 46.6419, 73.7005



87.7770, 86.0679, 104.5829



42.3111, 38.8729, 77.9471



18.5534, 17.9743, 22.2419



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.



57.1690, 46.6419, 73.7005



71.4154, 55.0755, 93.7937



53.1993, 45.0540, 52.7959



14.9268, 14.5879, 17.8149



24.8070, 12.0570, 34.2083



1.8519, 0.8985, 2.6267

Inverse Universe

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



57.1690, 46.6419, 73.7005



71.4154, 55.0755, 93.7937



52.4167, 66.5926, 64.8589



14.9268, 14.5879, 17.8149



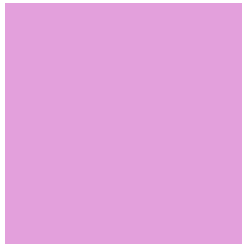
24.8070, 12.0570, 34.2083



1.8519, 0.8985, 2.6267

Previews

White Background



This preview shows how the XYZ color 57.1676, 46.6398, 73.6995 looks on a white background.

Color Contrast Check

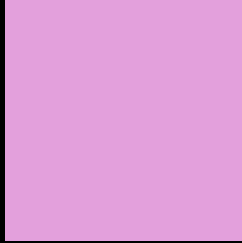
Large Text (above 18pt) WCAG AA × Fail

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 57.1676, 46.6398, 73.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

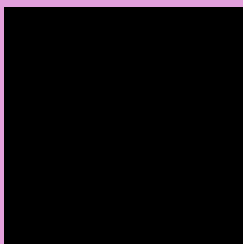
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1676, 46.6398, 73.6995

Background



This preview shows how black text looks on a background with the XYZ color 57.1676, 46.6398, 73.6995.



This preview shows how white text looks on a background with the XYZ color 57.1676, 46.6398,

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

57.1676, 46.6398, 73.6995

Protanopia

47.3210, 46.9079, 84.4019

Deuteranopia

47.9732, 46.9178, 72.1732



Tritanopia

52.1811, 46.4623, 49.3979

Trichromacy



Original Color

57.1676, 46.6398, 73.6995



Protanomaly

50.0727, 46.3631, 80.4386



Deuteranomaly

50.7710, 46.3299, 72.5963



Tritanomaly

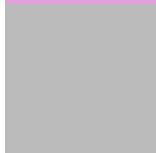
53.8663, 46.3383, 57.7349

Monochromacy



Original Color

57.1676, 46.6398, 73.6995



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.3881, 48.1244, 60.6660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1676, 46.6398, 73.6995 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(227, 160, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 220)  
}
```

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(227, 160, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.1676, 46.6398, 73.6995 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(227, 160, 220) }
```


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

```
.border{ border-color:rgb(227, 160, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 160, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 160, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 160, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 160,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1676, 46.6398, 73.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 220) }
```

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

```
.background{ background-color: rgb(227,  
160, 220) }
```

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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