

Converting Colors

XYZ(62.3950, 56.4124, 76.0067)

Have a look what the booklet for
XYZ(62.3950, 56.4124, 76.0067)
contains.

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Color

**XYZ(62.3950, 56.4124,
76.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B9DD
RGB	228, 185, 221
RGB Percent	89%, 73%, 87%
CMY	0.1059, 0.2745, 0.1333
CMYK	0.00, 0.19, 0.03, 0.11
HSL	310°, 44%, 81%
HSV	310°, 19%, 89%
XYZ	62.3950, 56.4124, 76.0067
YIQ	201.9610, 14.0720, 20.3120

Conversions

Conversions Part 2

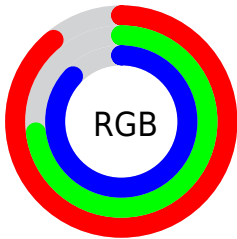
Format	Color
R _Y B	228, 185, 221
Decimal	14989789
CIE Lab	79.85, 21.41, -12.16
CIE LCh	80, 24.625, 330.406
Yxy	56.4124, 0.3203, 0.2896
Android (android.graphics.Color)	4293179869 (0xFFE4B9DD)
YUV	201.9610, 9.3862, 22.8362
Hunter-Lab	75.1082, 16.8469, -7.4235

Details

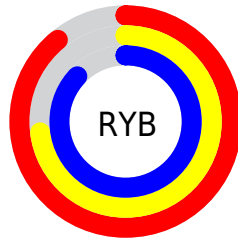
The XYZ color **62.3950, 56.4124, 76.0067** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.2677, 69.6084, 60.2898**, and the grayscale version is **56.0533, 58.9725, 64.2210**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **32.1475, 28.0264, 39.7917** is the 20% darker color. If you saturate the color by 10%, you get **57.5138, 47.4320, 71.9669**, and if you desaturate by 10%, it is **68.0553, 66.9317, 80.3614**.

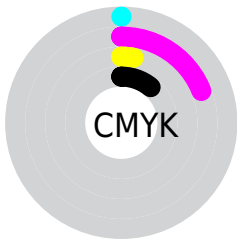
Distribution



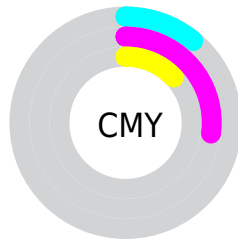
- Red (89%)
- Green (73%)
- Blue (87%)



- Red (89%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3950, 56.4124, 76.0067 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 62.3950, 56.4124, 76.0067 by changing the saturation by 10% instead.


 62.3950, 56.4124,
76.0067

 62.3950, 56.4124,
76.0067

423.0651,
411.2438, 500.7181

 45.6088, 40.5337,
55.9313


 107.3829, 99.6073,
129.4966

 32.1405, 27.9549,
39.7442


136.3153,
127.6922, 163.7481

 21.6249, 18.2917,
27.0269


170.0272,
160.6147, 203.5621

 13.6966, 11.1596,
17.3608

208.8838,
198.7591, 249.3571

 7.9902, 6.1743,
10.3274

253.2505,
242.5098, 301.5517

 4.1405, 2.9513,
5.5081

303.4927,

 1.7819, 1.1064,

292.2513, 360.5643

2.4845

359.9758,
348.3678, 426.8136

■ 0.5067, 0.0000,
0.8319

■ 0.0000, 0.0000,
0.0000

■ 62.3950, 56.4124,
76.0067

■ 62.3950, 56.4124,
76.0067

■ 57.5138, 47.4320,
71.9669

■ 68.0553, 66.9317,
80.3614

■ 53.3703, 39.9104,
68.2260

■ 74.5237, 79.0506,
85.0391

■ 49.9267, 33.7713,
64.7717

■ 81.8338, 92.8352,
90.0521

■ 47.1398, 28.9286,
61.5892

■ 82.8737, 94.0616,
93.0299

44.9618, 25.2864,
58.6622

83.4184, 94.2794,
95.8980

43.3380, 22.7358,
55.9722

83.9743, 94.5018,
98.8254

42.2039, 21.1478,
53.4973

84.5416, 94.7287,
101.8126

41.4611, 20.3257,
51.2043

85.1202, 94.9601,
104.8598

41.3861, 20.2505,
50.9489

85.7104, 95.1962,
107.9675

Harmonies

Analogous

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



58.6188, 56.4124, 88.2800



62.3950, 56.4124, 76.0067



63.7888, 56.4124, 61.2292

Triad

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



62.3950, 56.4124, 76.0067



53.5504, 56.4124, 37.8535



45.7669, 56.4124, 76.3957

Complementary

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



62.3950, 56.4124, 76.0067



57.2677, 69.6084, 60.2898

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.



44.5907, 56.4124, 61.6182



62.3950, 56.4124, 76.0067



48.9106, 56.4124, 40.6544

Square

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



62.3950, 56.4124, 76.0067



58.4941, 56.4124, 40.5068



45.7058, 56.4124, 48.8362



49.0213, 56.4124, 88.5279

Rectangle

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



62.3950, 56.4124, 76.0067



63.1159, 56.4124, 52.3382



45.7058, 56.4124, 48.8362



45.1247, 56.4124, 71.5037

Sweetspot

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



62.3967, 56.4149, 76.0079



89.9633, 90.4643, 105.2387



52.9543, 51.4371, 80.5370



19.1423, 19.1508, 22.4421



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.



62.3967, 56.4149, 76.0079



77.6094, 67.5181, 95.6897



59.7770, 55.3670, 62.2129



14.8890, 14.5728, 17.6160



23.9350, 11.7082, 29.6162



1.7957, 0.8760, 2.3309

Inverse Universe

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



62.3967, 56.4149, 76.0079



77.6094, 67.5181, 95.6897



59.7569, 70.6041, 73.3977



14.8890, 14.5728, 17.6160



23.9350, 11.7082, 29.6162



1.7957, 0.8760, 2.3309

Previews

White Background



This preview shows how the XYZ color 62.3950, 56.4124, 76.0067 looks on a white background.

Color Contrast Check

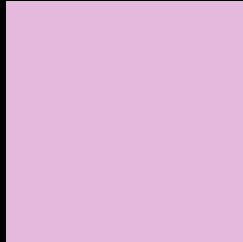
Large Text (above 18pt) WCAG AA × Fail

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 62.3950, 56.4124, 76.0067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

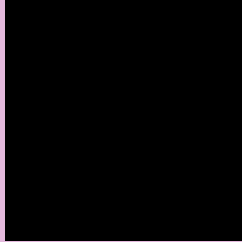
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3950, 56.4124, 76.0067

Background



This preview shows how black text looks on a background with the XYZ color 62.3950, 56.4124, 76.0067.



This preview shows how white text looks on a background with the XYZ color 62.3950, 56.4124,

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

62.3950, 56.4124, 76.0067

Protanopia

55.9622, 56.8714, 81.4265

Deuteranopia

58.0007, 56.7171, 75.6007



Tritanopia

59.8140, 56.2858, 64.2116

Trichromacy



Original Color

62.3950, 56.4124, 76.0067

Protanomaly

58.1142, 56.6980, 79.1150

Deuteranomaly

59.3561, 56.4413, 75.4760

Tritanomaly

60.7672, 56.3625, 68.6490

Monochromacy



Original Color

62.3950, 56.4124, 76.0067

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.1125, 57.9322, 68.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3950, 56.4124, 76.0067 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(228, 185, 221)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 221)  
}
```

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(228, 185, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.3950, 56.4124, 76.0067 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(228, 185, 221) }
```


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

```
.border{ border-color:rgb(228, 185, 221) }
```

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

Here you see how a box with a 4 pixel rgb(228, 185, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3950, 56.4124, 76.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 221) }
```

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

```
.background{ background-color: rgb(228,  
185, 221) }
```

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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