

Converting Colors

XYZ(62.3149, 55.9518, 78.5212)

Have a look what the booklet for
XYZ(62.3149, 55.9518, 78.5212)
contains.

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Color

**XYZ(62.4097, 56.0481,
78.7632)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E3B8E1 |
| RGB | 227, 184, 225 |
| RGB Percent | 89%, 72%, 88% |
| CMY | 0.1098, 0.2784, 0.1176 |
| CMYK | 0.00, 0.19, 0.01, 0.11 |
| HSL | 303°, 43%, 81% |
| HSV | 303°, 19%, 89% |
| XYZ | 62.4097, 56.0481, 78.7632 |
| YIQ | 201.5310, 12.4670, 21.8670 |

Conversions

Conversions Part 2

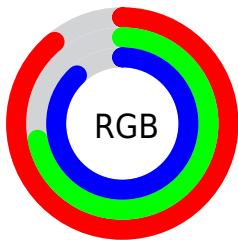
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 184, 225 |
| Decimal | 14924001 |
| CIE Lab | 79.64, 22.34, -14.64 |
| CIE LCh | 80, 26.707, 326.765 |
| Yxy | 56.0481, 0.3164, 0.2842 |
| Android (android.graphics.Color) | 4293114081 (0xFFE3B8E1) |
| YUV | 201.5310, 11.5702, 22.3363 |
| Hunter-Lab | 74.8653, 17.7881, -9.9713 |

Details

The XYZ color **62.4097, 56.0481, 78.7632** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1014, 68.6755, 56.7563**, and the grayscale version is **55.7733, 58.6778, 63.9002**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.1666, 27.7928, 41.6994** is the 20% darker color. If you saturate the color by 10%, you get **57.9244, 47.3064, 76.5600**, and if you desaturate by 10%, it is **67.6559, 66.3082, 81.2257**.

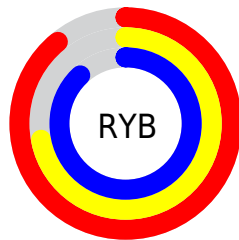
Distribution



Red (89%)

Green (72%)

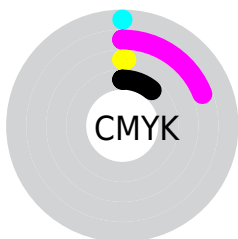
Blue (88%)



Red (89%)

Yellow (72%)

Blue (88%)

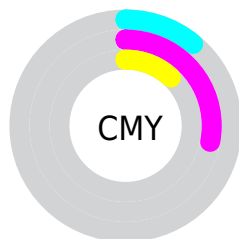


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4097, 56.0481, 78.7632 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 62.4097, 56.0481, 78.7632 by changing the saturation by 10% instead.


 62.4097, 56.0481,
78.7632

 62.4097, 56.0481,
78.7632


423.1178,
409.8727, 510.3513

 45.6207, 40.2415,
58.1810


 107.4040, 99.0749,
133.4211

 32.1500, 27.7269,
41.5385


136.3401,
127.0639, 168.3338

 21.6322, 18.1199,
28.4172


170.0558,
159.8824, 208.8605

 13.7020, 11.0361,
18.3986

208.9167,
197.9150, 255.4196

 7.9940, 6.0911,
11.0642

253.2879,
241.5459, 308.4297

 4.1429, 2.9006,
5.9953

303.5349,

 1.7833, 1.0800,

291.1595, 368.3093

2.7735

360.0231,
347.1404, 435.4770

■ 0.5076, 0.0000,
0.9802

■ 0.0000, 0.0000,
0.0000

■ 62.4097, 56.0481,
78.7632

■ 62.4097, 56.0481,
78.7632

■ 57.9244, 47.3064,
76.5600

■ 67.6559, 66.3082,
81.2257

■ 54.1589, 40.0038,
74.6005

■ 73.6915, 78.1467,
83.9551

■ 51.0759, 34.0649,
72.8729

■ 80.5498, 91.6291,
86.9631

■ 48.6328, 29.4043,
71.3630

■ 81.6135, 93.5209,
88.0441

46.7822, 25.9273,
70.0549

81.7617, 93.5802,
88.8242

45.4700, 23.5259,
68.9307

81.9107, 93.6398,
89.6091

44.6326, 22.0723,
67.9690

82.0607, 93.6998,
90.3988

44.1713, 21.3698,
67.1371

82.2115, 93.7601,
91.1932

44.1307, 21.3118,
67.0520

82.3633, 93.8209,
91.9924

Harmonies

Analogous

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



58.0719, 56.0481, 91.5144



62.4097, 56.0481, 78.7632



64.2920, 56.0481, 62.7154

Triad

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



62.4097, 56.0481, 78.7632



53.8584, 56.0481, 35.9516



44.5523, 56.0481, 75.3775

Complementary

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



62.4097, 56.0481, 78.7632



56.1014, 68.6755, 56.7563

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.



43.5893, 56.0481, 59.3689



62.4097, 56.0481, 78.7632



48.7442, 56.0481, 38.1961

Square

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



62.4097, 56.0481, 78.7632



59.1503, 56.0481, 39.4335



45.0729, 56.0481, 46.1756



47.7967, 56.0481, 89.3397

Rectangle

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



62.4097, 56.0481, 78.7632



63.8130, 56.0481, 52.8673



45.0729, 56.0481, 46.1756



43.9609, 56.0481, 69.9856

Sweetspot

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



62.4114, 56.0505, 78.7644



90.2474, 90.5779, 106.7348



51.1204, 50.1981, 79.6691



19.2097, 19.1777, 22.7969



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.



62.4114, 56.0505, 78.7644



78.6727, 67.9434, 101.2888



59.7281, 54.9772, 64.6345



14.9646, 14.6030, 18.0141



25.7492, 12.4339, 39.1698



1.9118, 0.9224, 2.9419

Inverse Universe

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



62.4114, 56.0505, 78.7644



78.6727, 67.9434, 101.2888



58.4926, 69.6320, 69.3483



14.9646, 14.6030, 18.0141



25.7492, 12.4339, 39.1698



1.9118, 0.9224, 2.9419

Previews

White Background



This preview shows how the XYZ color 62.4097, 56.0481, 78.7632 looks on a white background.

Color Contrast Check

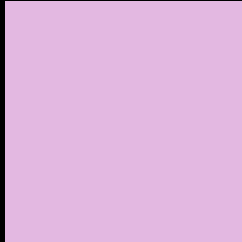
Large Text (above 18pt) WCAG AA × Fail

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 62.4097, 56.0481, 78.7632 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 62.4097, 56.0481, 78.7632

Background



This preview shows how black text looks on a background with the XYZ color 62.4097, 56.0481, 78.7632.



This preview shows how white text looks on a background with the XYZ color 62.4097, 56.0481,

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

62.4097, 56.0481, 78.7632

Protanopia

55.6831, 56.3102, 85.0249

Deuteranopia

57.3458, 56.0061, 77.5999



Tritanopia

59.5032, 56.1255, 64.1971

Trichromacy



Original Color

62.4097, 56.0481, 78.7632

Protanomaly

57.7612, 56.1090, 82.6487

Deuteranomaly

59.0927, 55.9231, 78.2007

Tritanomaly

60.5795, 56.2513, 69.2927

Monochromacy



Original Color

62.4097, 56.0481, 78.7632

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.0119, 57.5322, 69.0200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4097, 56.0481, 78.7632 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, 184, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 225)  
}
```

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, 184, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.4097, 56.0481, 78.7632 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, 184, 225) }
```


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

```
.border{ border-color:rgb(227, 184, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 184, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4097, 56.0481, 78.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 225) }
```

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

```
.background{ background-color: rgb(227,  
184, 225) }
```

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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