

Converting Colors

XYZ(62.1712, 55.6853, 79.6329)

Have a look what the booklet for
XYZ(62.1712, 55.6853, 79.6329)
contains.

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Color

**XYZ(62.0250, 55.5267,
79.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B7E2
RGB	226, 183, 226
RGB Percent	89%, 72%, 89%
CMY	0.1137, 0.2823, 0.1137
CMYK	0.00, 0.19, 0.00, 0.11
HSL	300°, 43%, 80%
HSV	300°, 19%, 89%
XYZ	62.0250, 55.5267, 79.4002
YIQ	200.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

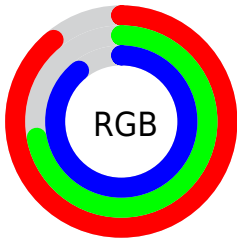
Format	Color
R _Y B	226, 183, 226
Decimal	14858210
CIE Lab	79.34, 22.73, -15.63
CIE LCh	79, 27.584, 325.476
Yxy	55.5267, 0.3149, 0.2819
Android (android.graphics.Color)	4293048290 (0xFFE2B7E2)
YUV	200.7590, 12.4438, 22.1364
Hunter-Lab	74.5162, 18.1744, -11.0146

Details

The XYZ color **62.0250, 55.5267, 79.4002** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.2742, 67.8806, 54.9917**, and the grayscale version is **55.2899, 58.1693, 63.3463**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.9109, 27.4516, 42.1449** is the 20% darker color. If you saturate the color by 10%, you get **57.7332, 46.9423, 77.9701**, and if you desaturate by 10%, it is **67.0686, 65.6128, 81.0821**.

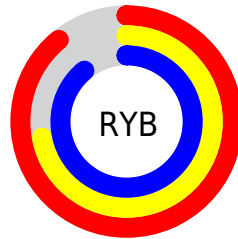
Distribution



Red (89%)

Green (72%)

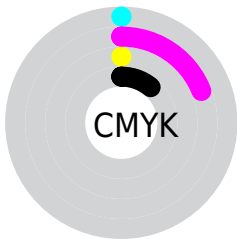
Blue (89%)



Red (89%)

Yellow (72%)

Blue (89%)

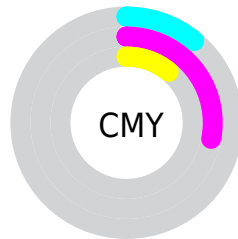


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0250, 55.5267, 79.4002 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 62.0250, 55.5267, 79.4002 by changing the saturation by 10% instead.


 62.0250, 55.5267,
79.4002

 62.0250, 55.5267,
79.4002


421.7384,
407.9054, 512.5625

 45.3086, 39.8236,
58.7016


 106.8514, 98.3122,
134.3259

 31.9029, 27.4010,
41.9546


135.6921,
126.1634, 169.3901

 21.4425, 17.8746,
28.7404


169.3049,
158.8327, 210.0799

 13.5621, 10.8600,
18.6406

208.0552,
196.7046, 256.8139

 7.8964, 5.9728,
11.2367

252.3083,
240.1634, 310.0107

 4.0800, 2.8285,
6.1101

302.4297,

 1.7475, 1.0429,

289.5936, 370.0886

2.8423

358.7846,
345.3794, 437.4664

■ 0.4857, 0.0000,
1.0147

■ 0.0000, 0.0000,
0.0000

■ 62.0250, 55.5267,
79.4002

■ 62.0250, 55.5267,
79.4002

■ 57.7332, 46.9423,
77.9701

■ 67.0686, 65.6128,
81.0821

■ 54.1526, 39.7810,
76.7764

■ 72.8921, 77.2599,
83.0235

■ 51.2462, 33.9682,
75.8075

■ 79.5287, 90.5330,
85.2358

■ 48.9718, 29.4195,
75.0492

■ 80.8523, 93.1801,
85.6771

47.2824, 26.0409,
74.4860

80.8523, 93.1801,
85.6772

46.1247, 23.7255,
74.1000

80.8523, 93.1801,
85.6774

45.4354, 22.3469,
73.8701

80.8523, 93.1801,
85.6775

45.1159, 21.7078,
73.7634

80.8524, 93.1801,
85.6776

45.0919, 21.6600,
73.7554

80.8524, 93.1801,
85.6778

Harmonies

Analogous

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



57.4808, 55.5267, 92.3066



62.0250, 55.5267, 79.4002



64.0949, 55.5267, 62.8914

Triad

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



62.0250, 55.5267, 79.4002



53.6190, 55.5267, 34.9114



43.7524, 55.5267, 74.5179

Complementary

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



62.0250, 55.5267, 79.4002



55.2742, 67.8806, 54.9917

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.



42.8757, 55.5267, 58.0904



62.0250, 55.5267, 79.4002



48.3361, 55.5267, 36.9357

Square

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



62.0250, 55.5267, 79.4002



59.0312, 55.5267, 38.6910



44.4963, 55.5267, 44.7987



46.9799, 55.5267, 89.1604

Rectangle

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



62.0250, 55.5267, 79.4002



63.6948, 55.5267, 52.6961



44.4963, 55.5267, 44.7987



43.1831, 55.5267, 68.9494

Sweetspot

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



62.0267, 55.5291, 79.4014



90.3618, 90.6237, 107.3372



50.1919, 49.4280, 78.8478



19.2369, 19.1886, 22.9398



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.



62.0267, 55.5291, 79.4014



79.1089, 68.1179, 103.5859



59.2586, 54.4219, 64.8250



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Inverse Universe

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



62.0267, 55.5291, 79.4014



79.1089, 68.1179, 103.5859



57.6860, 68.8453, 67.6919



14.2951, 13.9357, 17.3241



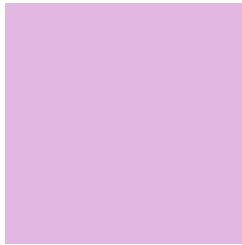
25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 62.0250, 55.5267, 79.4002 looks on a white background.

Color Contrast Check

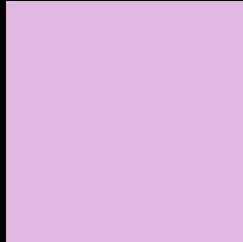
Large Text (above 18pt) WCAG AA × Fail

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 62.0250, 55.5267, 79.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

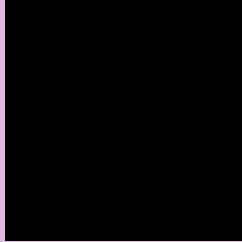
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0250, 55.5267, 79.4002

Background



This preview shows how black text looks on a background with the XYZ color 62.0250, 55.5267, 79.4002.



This preview shows how white text looks on a background with the XYZ color 62.0250, 55.5267,

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

62.0250, 55.5267, 79.4002

Protanopia

55.3527, 55.7895, 85.6930

Deuteranopia

56.9328, 55.7776, 78.2865



Tritanopia

58.8624, 55.4929, 63.4859

Trichromacy



Original Color

62.0250, 55.5267, 79.4002

Protanomaly

57.4117, 55.5877, 83.3049

Deuteranomaly

58.6522, 55.6803, 78.8902

Tritanomaly

60.0572, 55.6683, 69.2077

Monochromacy



Original Color

62.0250, 55.5267, 79.4002

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5030, 56.9384, 68.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0250, 55.5267, 79.4002 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(226, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 226)  
}
```

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(226, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.0250, 55.5267, 79.4002 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(226, 183, 226) }
```


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

```
.border{ border-color:rgb(226, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0250, 55.5267, 79.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 226) }
```

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

```
.background{ background-color: rgb(226,  
183, 226) }
```

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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