

Converting Colors

XYZ(62.0175, 55.0854, 79.2593)

Have a look what the booklet for
XYZ(62.0175, 55.0854, 79.2593)
contains.

| | |
|--|----|
| XYZ(62.1340, 55.2778, 79.3464) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(62.1340, 55.2778,
79.3464)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3B6E2 |
| RGB | 227, 182, 226 |
| RGB Percent | 89%, 71%, 89% |
| CMY | 0.1098, 0.2863, 0.1137 |
| CMYK | 0.00, 0.20, 0.00, 0.11 |
| HSL | 301°, 45%, 80% |
| HSV | 301°, 20%, 89% |
| XYZ | 62.1340, 55.2778, 79.3464 |
| YIQ | 200.4710, 12.6960, 23.2240 |

Conversions

Conversions Part 2

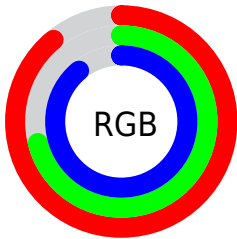
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 227, 182, 226 |
| Decimal | 14923490 |
| CIE _{Lab} | 79.20, 23.59, -15.84 |
| CIE _{LCh} | 79, 28.418, 326.128 |
| Yxy | 55.2778, 0.3158, 0.2809 |
| Android (android.graphics.Color) | 4293113570 (0xFFE3B6E2) |
| YUV | 200.4710, 12.5858, 23.2659 |
| Hunter-Lab | 74.3490, 19.0628, -11.2308 |

Details

The XYZ color **62.1340, 55.2778, 79.3464** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.3100, 68.3039, 55.0716**, and the grayscale version is **55.1108, 57.9809, 63.1412**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.9955, 27.2987, 42.1109** is the 20% darker color. If you saturate the color by 10%, you get **57.7882, 46.6958, 77.5572**, and if you desaturate by 10%, it is **67.2369, 65.3717, 81.3902**.

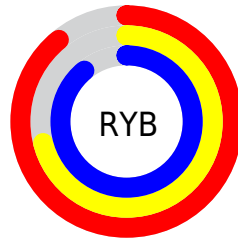
Distribution



Red (89%)

Green (71%)

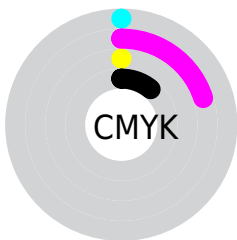
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

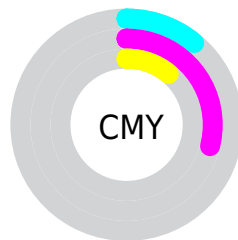


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1340, 55.2778, 79.3464 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 62.1340, 55.2778, 79.3464 by changing the saturation by 10% instead.


 62.1340, 55.2778,
79.3464

 62.1340, 55.2778,
79.3464


422.1295,
406.9641, 512.3760

 45.3970, 39.6242,
58.6577


 107.0080, 97.9479,
134.2495

 31.9728, 27.2456,
41.9194


135.8757,
125.7331, 169.3009

 21.4962, 17.7578,
28.7131


169.5178,
158.3310, 209.9770

 13.6017, 10.7762,
18.6202

208.2994,
196.1259, 256.6963

 7.9240, 5.9166,
11.2221

252.5860,
239.5023, 309.8773

 4.0978, 2.7944,
6.1004

302.7430,

 1.7576, 1.0254,

288.8445, 369.9385

2.8364

359.1357,
344.5370, 437.2986

■ 0.4919, 0.0000,
1.0117

■ 0.0000, 0.0000,
0.0000

■ 62.1340, 55.2778,
79.3464

■ 62.1340, 55.2778,
79.3464

■ 57.7882, 46.6958,
77.5572

■ 67.2369, 65.3717,
81.3902

■ 54.1581, 39.5461,
76.0070

■ 73.1257, 77.0380,
83.6963

■ 51.2063, 33.7526,
74.6839

■ 79.8338, 90.3426,
86.2766

■ 48.8898, 29.2292,
73.5736

■ 81.4454, 93.4537,
87.1590

47.1606, 25.8802,
72.6600

81.5156, 93.4818,
87.5286

45.9641, 23.5961,
71.9250

81.5860, 93.5099,
87.8993

45.2352, 22.2472,
71.3468

81.6566, 93.5382,
88.2711

44.8634, 21.6119,
70.8887

81.7274, 93.5665,
88.6440

44.8578, 21.6026,
70.8809

81.7984, 93.5949,
89.0179

Harmonies

Analogous

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



57.4950, 55.2778, 92.8435



62.1340, 55.2778, 79.3464



64.2003, 55.2778, 62.3238

Triad

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



62.1340, 55.2778, 79.3464



53.2804, 55.2778, 34.0756



43.3365, 55.2778, 75.0313

Complementary

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



62.1340, 55.2778, 79.3464



55.3100, 68.3039, 55.0716

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.



42.3844, 55.2778, 58.1018



62.1340, 55.2778, 79.3464



47.8780, 55.2778, 36.2581

Square

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



62.1340, 55.2778, 79.3464



58.8613, 55.2778, 37.7847



43.9880, 55.2778, 44.3922



46.6881, 55.2778, 90.0538

Rectangle

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



62.1340, 55.2778, 79.3464



63.7389, 55.2778, 51.9151



43.9880, 55.2778, 44.3922



42.7361, 55.2778, 69.2964

Sweetspot

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



62.1357, 55.2802, 79.3476



90.3071, 90.6018, 107.0491



50.0646, 49.0414, 79.5014



19.2239, 19.1834, 22.8714



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.



62.1357, 55.2802, 79.3476



78.3190, 66.8873, 102.2461



59.2776, 54.1370, 64.2970



14.9806, 14.6094, 18.0980



26.1670, 12.6010, 41.3697



1.9381, 0.9329, 3.0804

Inverse Universe

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



62.1357, 55.2802, 79.3476



78.3190, 66.8873, 102.2461



57.8122, 69.3047, 68.2482



14.9806, 14.6094, 18.0980



26.1670, 12.6010, 41.3697



1.9381, 0.9329, 3.0804

Previews

White Background



This preview shows how the XYZ color 62.1340, 55.2778, 79.3464 looks on a white background.

Color Contrast Check

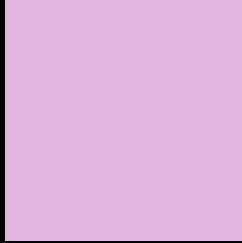
Large Text (above 18pt) WCAG AA × Fail

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 62.1340, 55.2778, 79.3464 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 62.1340, 55.2778, 79.3464

Background



This preview shows how black text looks on a background with the XYZ color 62.1340, 55.2778, 79.3464.



This preview shows how white text looks on a background with the XYZ color 62.1340, 55.2778,

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

62.1340, 55.2778, 79.3464

Protanopia

55.1054, 55.6621, 85.6814

Deuteranopia

56.4425, 55.2000, 78.2008



Tritanopia

58.5329, 55.0228, 62.7938

Trichromacy



Original Color

62.1340, 55.2778, 79.3464

Protanomaly

57.1944, 55.1530, 83.2324

Deuteranomaly

58.4378, 55.2516, 78.8188

Tritanomaly

59.7223, 55.1984, 68.4794

Monochromacy



Original Color

62.1340, 55.2778, 79.3464

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1569, 56.4450, 68.2041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1340, 55.2778, 79.3464 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, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 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(227, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.1340, 55.2778, 79.3464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

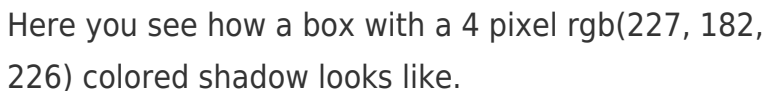
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 182, 226) }
```


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

```
.border{ border-color:rgb(227, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 182, 226); box-shadow:4px 4px 4px 4px rgb(227, 182, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1340, 55.2778, 79.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 226) }
```

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

```
.background{ background-color: rgb(227,  
182, 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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