

Converting Colors

XYZ(62.6627, 55.5814, 80.6588)

Have a look what the booklet for
XYZ(62.6627, 55.5814, 80.6588)
contains.

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Color

**XYZ(62.7264, 55.5513,
80.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B6E4
RGB	228, 182, 228
RGB Percent	89%, 71%, 89%
CMY	0.1059, 0.2863, 0.1059
CMYK	0.00, 0.20, 0.00, 0.11
HSL	300°, 46%, 80%
HSV	300°, 20%, 89%
XYZ	62.7264, 55.5513, 80.8152
YIQ	200.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

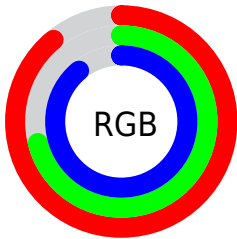
Format	Color
R _Y B	228, 182, 228
Decimal	14989028
CIE Lab	79.36, 24.29, -16.67
CIE LCh	79, 29.464, 325.540
Yxy	55.5513, 0.3151, 0.2790
Android (android.graphics.Color)	4293179108 (0xFFE4B6E4)
YUV	200.9980, 13.3120, 23.6808
Hunter-Lab	74.5327, 19.7924, -12.1147

Details

The XYZ color **62.7264, 55.5513, 80.8152** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.4805, 68.8109, 54.6166**, and the grayscale version is **55.4322, 58.3189, 63.5093**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **32.4063, 27.4883, 43.1329** is the 20% darker color. If you saturate the color by 10%, you get **58.4325, 46.9625, 79.3844**, and if you desaturate by 10%, it is **67.7839, 65.6653, 82.5017**.

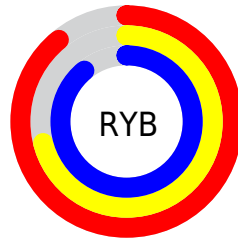
Distribution



Red (89%)

Green (71%)

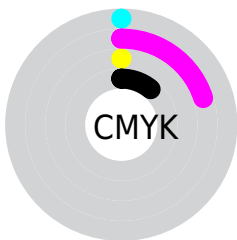
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

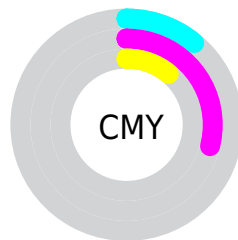


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7264, 55.5513, 80.8152 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 62.7264, 55.5513, 80.8152 by changing the saturation by 10% instead.

62.7264, 55.5513,
80.8152

62.7264, 55.5513,
80.8152

424.2513,
407.9983, 517.4549

45.8777, 39.8433,
59.8593

107.8587, 98.3482,
136.3330

32.3536, 27.4164,
42.8807

136.8731,
126.2059, 171.7320

21.7885, 17.8862,
29.4608

170.6734,
158.8823, 212.7824

13.8173, 10.8683,
19.1811

209.6250,
196.7618, 259.9028

8.0746, 5.9783,
11.6231

254.0932,
240.2287, 313.5117

4.1949, 2.8319,
6.3682

304.4434,

1.8130, 1.0446,

289.6675, 374.0276

2.9978

361.0410,
345.4626, 441.8692

■ 0.5255, 0.0000,
1.0935

■ 0.0000, 0.0000,
0.0000

■ 62.7264, 55.5513,
80.8152

■ 62.7264, 55.5513,
80.8152

■ 58.4325, 46.9625,
79.3844

■ 67.7839, 65.6653,
82.5017

■ 54.8603, 39.8183,
78.1936

■ 73.6341, 77.3657,
84.4519

■ 51.9719, 34.0413,
77.2307

■ 80.3109, 90.7193,
86.6776

■ 49.7234, 29.5445,
76.4812

■ 81.7591, 93.6157,
87.1604

48.0664, 26.2305,
75.9287

81.7592, 93.6157,
87.1605

46.9452, 23.9881,
75.5549

81.7592, 93.6157,
87.1606

46.2937, 22.6850,
75.3377

81.7592, 93.6157,
87.1607

45.9989, 22.0956,
75.2393

81.7592, 93.6158,
87.1608

81.7592, 93.6158,
87.1609

Harmonies

Analogous

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



57.8483, 55.5513, 94.8278



62.7264, 55.5513, 80.8152



64.9486, 55.5513, 63.0501

Triad

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



62.7264, 55.5513, 80.8152



53.6877, 55.5513, 33.5127



43.2030, 55.5513, 75.6176

Complementary

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



62.7264, 55.5513, 80.8152



55.4805, 68.8109, 54.6166

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.



42.2692, 55.5513, 57.9923



62.7264, 55.5513, 80.8152



48.0540, 55.5513, 35.6331

Square

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



62.7264, 55.5513, 80.8152



59.4888, 55.5513, 37.4399



43.9800, 55.5513, 43.8883



46.6320, 55.5513, 91.4559

Rectangle

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



62.7264, 55.5513, 80.8152



64.5125, 55.5513, 52.1852



43.9800, 55.5513, 43.8883



42.5983, 55.5513, 69.6233

Sweetspot

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



62.7281, 55.5537, 80.8164



90.3618, 90.6237, 107.3372



50.0254, 49.0052, 80.2221



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.



62.7281, 55.5537, 80.8164



78.5372, 66.9746, 103.3955



59.7442, 54.3602, 65.1034



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4454



1.9628, 0.9428, 3.2105

Inverse Universe

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



62.7281, 55.5537, 80.8164



78.5372, 66.9746, 103.3955



58.0562, 69.8412, 68.1805



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4454



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 62.7264, 55.5513, 80.8152 looks on a white background.

Color Contrast Check

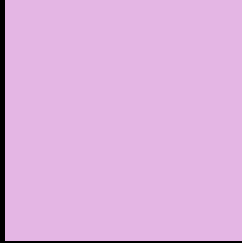
Large Text (above 18pt) WCAG AA × Fail

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 62.7264, 55.5513, 80.8152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

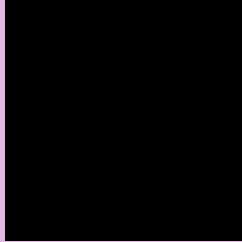
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7264, 55.5513, 80.8152

Background



This preview shows how black text looks on a background with the XYZ color 62.7264, 55.5513, 80.8152.



This preview shows how white text looks on a background with the XYZ color 62.7264, 55.5513,

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

62.7264, 55.5513, 80.8152

Protanopia

55.5402, 55.8360, 87.9709

Deuteranopia

56.9342, 55.7468, 79.7110



Tritanopia

59.0534, 55.6050, 62.8787

Trichromacy



Original Color

62.7264, 55.5513, 80.8152

Protanomaly

57.8933, 55.4639, 85.4962

Deuteranomaly

58.7123, 55.3614, 80.2644

Tritanomaly

60.1582, 55.4086, 69.1523

Monochromacy



Original Color

62.7264, 55.5513, 80.8152

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.9136, 57.1356, 69.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7264, 55.5513, 80.8152 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, 182, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 182, 228)  
}
```

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, 182, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 182, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.7264, 55.5513, 80.8152 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, 182, 228) }
```


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

```
.border{ border-color:rgb(228, 182, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 182, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 182, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 182, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 182,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7264, 55.5513, 80.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 182, 228) }
```

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

```
.background{ background-color: rgb(228,  
182, 228) }
```

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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