

# Converting Colors

XYZ(60.8274, 55.5325, 77.4133)

Have a look what the booklet for  
XYZ(60.8274, 55.5325, 77.4133)  
contains.

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# Color

**XYZ(60.7924, 55.5552,  
77.3312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB9DF
RGB	222, 185, 223
RGB Percent	87%, 73%, 87%
CMY	0.1294, 0.2745, 0.1255
CMYK	0.00, 0.17, 0.00, 0.13
HSL	298°, 37%, 80%
HSV	298°, 17%, 87%
XYZ	60.7924, 55.5552, 77.3312
YIQ	200.3950, 9.8540, 19.6620

# Conversions

## Conversions Part 2

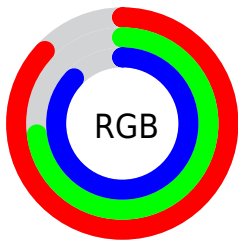
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 185, 223
Decimal	14596575
CIE Lab	79.36, 19.76, -14.03
CIE LCh	79, 24.236, 324.634
Yxy	55.5552, 0.3139, 0.2868
Android (android.graphics.Color)	4292786655 (0xFFDEB9DF)
YUV	200.3950, 11.1443, 18.9476
Hunter-Lab	74.5354, 15.1510, -9.3392

# Details

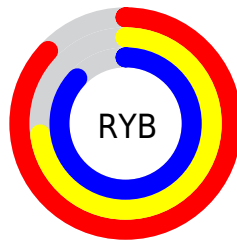
The XYZ color **60.7924, 55.5552, 77.3312** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.3964, 66.7187, 55.8600**, and the grayscale version is **55.0737, 57.9418, 63.0987**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **31.2555, 27.5452, 40.7152** is the 20% darker color. If you saturate the color by 10%, you get **56.3095, 46.8548, 75.8889**, and if you desaturate by 10%, it is **66.0110, 65.7241, 79.0198**.

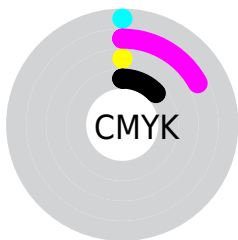
# Distribution



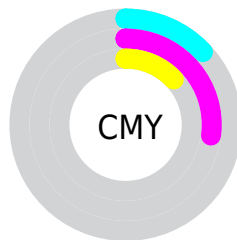
- Red (87%)
- Green (73%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7924, 55.5552, 77.3312 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 60.7924, 55.5552, 77.3312 by changing the saturation by 10% instead.





 60.7924, 55.5552,  
77.3312

 60.7924, 55.5552,  
77.3312


417.3005,  
408.0131, 505.3601

 44.3095, 39.8464,  
57.0116


 105.0781, 98.3539,  
131.3842

 31.1129, 27.4188,  
40.6051

133.6117,  
126.2127, 165.9546

 20.8371, 17.8880,  
27.6933


166.8929,  
158.8902, 206.1123

 13.1167, 10.8696,  
17.8575

205.2870,  
196.7708, 252.2760

 7.5865, 5.9792,  
10.6794

249.1595,  
240.2391, 304.8640

 3.8811, 2.8325,  
5.7402

298.8757,

 1.6351, 1.0449,

289.6793, 364.2951

2.6216

354.8009,  
345.4758, 430.9876

■ 0.4151, 0.0000,  
0.9035

■ 0.0000, 0.0000,  
0.0000

■ 60.7924, 55.5552,  
77.3312

■ 60.7924, 55.5552,  
77.3312

■ 56.3095, 46.8548,  
75.8889

■ 66.0110, 65.7241,  
79.0198

■ 52.5231, 39.5476,  
74.6781

■ 71.9919, 77.4177,  
80.9616

■ 49.3984, 33.5626,  
73.6875

■ 78.7669, 90.6984,  
83.1680

■ 46.8951, 28.8196,  
72.9040

■ 79.9281, 92.7508,  
83.5029

44.9689, 25.2299,  
72.3126

80.1107, 92.8450,  
83.5115

43.5695, 22.6929,  
71.8967

80.2939, 92.9394,  
83.5201

42.6381, 21.0908,  
71.6366

80.4777, 93.0342,  
83.5287

42.0976, 20.2699,  
71.5066

80.6622, 93.1293,  
83.5373

41.9742, 20.0999,  
71.4803

80.8473, 93.2247,  
83.5460

# Harmonies

## Analogous

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



56.7933, 55.5552, 88.2088



60.7924, 55.5552, 77.3312



62.6595, 55.5552, 63.0262

# Triad

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



60.7924, 55.5552, 77.3312



53.6818, 55.5552, 37.5750



44.7603, 55.5552, 72.3393

# Complementary

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



60.7924, 55.5552, 77.3312



55.3964, 66.7187, 55.8600

# 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.



44.0394, 55.5552, 58.0231



60.7924, 55.5552, 77.3312



49.0052, 55.5552, 39.2875

# Square

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



60.7924, 55.5552, 77.3312



58.3962, 55.5552, 41.1934



45.5472, 55.5552, 46.2910



47.5799, 55.5552, 85.0312



# Rectangle

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



60.7924, 55.5552, 77.3312



62.3662, 55.5552, 53.9804



45.5472, 55.5552, 46.2910



44.2721, 55.5552, 67.5033

# Sweetspot

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



60.7941, 55.5576, 77.3324



90.9933, 92.0696, 107.5831



50.9444, 50.8750, 76.9477



19.3588, 19.4773, 22.9891



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.



60.7941, 55.5576, 77.3324



80.3908, 71.4121, 104.1546



58.8338, 54.8090, 65.4067



14.2575, 13.9163, 17.3223



24.6959, 11.8265, 42.0295



1.7232, 0.8256, 2.9138



# Inverse Universe

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



56.6453, 53.9336, 53.8818



73.8937, 68.8701, 67.3730



57.1449, 67.3902, 66.3312



13.7218, 13.7063, 14.3051



17.9186, 9.2344, 0.9710



1.2472, 0.6422, 0.0948



# Previews

## White Background



This preview shows how the XYZ color 60.7924, 55.5552, 77.3312 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

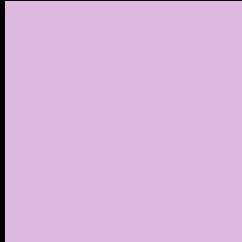
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.7924, 55.5552, 77.3312 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

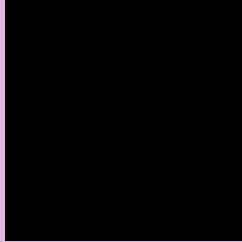
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.7924, 55.5552, 77.3312**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.7924, 55.5552, 77.3312.



This preview shows how white text looks on a background with the XYZ color 60.7924, 55.5552,



# 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

60.7924, 55.5552, 77.3312

### Protanopia

55.0332, 55.6905, 82.7117

### Deuteranopia

56.9363, 55.8106, 76.8789



## Tritanopia

57.9761, 55.3383, 64.1256

# Trichromacy



## Original Color

60.7924, 55.5552, 77.3312

## Protanomaly

56.8531, 55.3642, 80.3629

## Deuteranomaly

58.2464, 55.5180, 76.7534

## Tritanomaly

58.9184, 55.4094, 68.5625

# Monochromacy



## Original Color

60.7924, 55.5552, 77.3312

## Achromatopsia

54.8990, 57.7580, 62.8985

## Achromatomaly

56.9127, 56.9942, 67.6759

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.7924, 55.5552, 77.3312 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(222, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 185, 223)  
}
```

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(222, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 185, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 60.7924, 55.5552, 77.3312 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(222, 185, 223) }
```



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

```
.border{ border-color:rgb(222, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 185,  
223) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.7924, 55.5552, 77.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 185, 223) }
```

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

```
.background{ background-color: rgb(222,  
185, 223) }
```

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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