

Converting Colors

XYZ(63.7261, 60.3455, 79.5472)

Have a look what the booklet for
XYZ(63.7261, 60.3455, 79.5472)
contains.

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Color

**XYZ(63.5371, 60.1544,
79.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC3E1
RGB	223, 195, 225
RGB Percent	87%, 76%, 88%
CMY	0.1255, 0.2353, 0.1176
CMYK	0.01, 0.13, 0.00, 0.12
HSL	296°, 33%, 82%
HSV	296°, 13%, 88%
XYZ	63.5371, 60.1544, 79.4964
YIQ	206.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

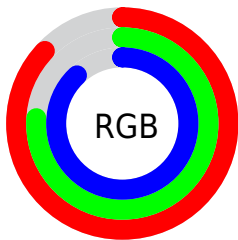
Format	Color
R _Y B	223, 195, 225
Decimal	14664673
CIE Lab	81.92, 15.11, -11.26
CIE LCh	82, 18.843, 323.303
Yxy	60.1544, 0.3127, 0.2961
Android (android.graphics.Color)	4292854753 (0xFFDFC3E1)
YUV	206.7920, 8.9765, 14.2144
Hunter-Lab	77.5593, 10.4997, -6.4793

Details

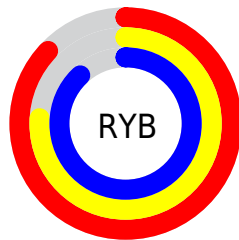
The XYZ color **63.5371, 60.1544, 79.4964** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.8037, 69.6625, 61.9270**, and the grayscale version is **59.1167, 62.1954, 67.7308**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.9290, 30.2769, 42.1387** is the 20% darker color. If you saturate the color by 10%, you get **58.4112, 50.5849, 77.9204**, and if you desaturate by 10%, it is **69.4302, 71.2504, 81.3284**.

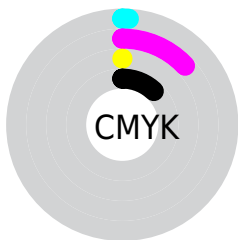
Distribution



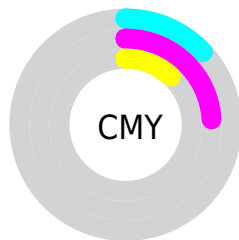
- Red (87%)
- Green (76%)
- Blue (88%)



- Red (87%)
- Yellow (76%)
- Blue (88%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5371, 60.1544, 79.4964 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 63.5371, 60.1544, 79.4964 by changing the saturation by 10% instead.

63.5371, 60.1544,
79.4964

63.5371, 60.1544,
79.4964

427.1449,
425.1667, 512.8960

46.5361, 43.5431,
58.7803

109.0215,
105.0536, 134.4625

32.8755, 30.3115,
42.0174

138.2356,
134.1103, 169.5495

22.1899, 20.0751,
28.7893

172.2515,
168.0843, 210.2639

14.1139, 12.4497,
18.6773

211.4345,
207.3599, 257.0243

8.2821, 7.0507,
11.2629

256.1500,
252.3215, 310.2492

4.3293, 3.4938,
6.1275

306.7633,

1.8901, 1.3947,

303.3536, 370.3570

2.8527

363.6398,
360.8405, 437.7665

■ 0.5711, 0.2128,
1.0199

■ 0.0000, 0.0000,
0.0000

■ 63.5371, 60.1544,
79.4964

■ 63.5371, 60.1544,
79.4964

■ 58.4112, 50.5849,
77.9204

■ 69.4302, 71.2504,
81.3284

■ 54.0134, 42.4664,
76.5851

■ 76.1170, 83.9287,
83.4232

■ 50.3090, 35.7285,
75.4798

■ 81.1879, 93.3689,
84.9781

■ 47.2583, 30.2922,
74.5913

■ 81.6645, 93.6146,
85.0004

44.8179, 26.0703,
73.9050

82.1453, 93.8625,
85.0229

42.9386, 22.9647,
73.4046

82.6302, 94.1125,
85.0456

41.5640, 20.8626,
73.0713

83.1193, 94.3646,
85.0684

40.6257, 19.6270,
72.8823

83.6126, 94.6189,
85.0915

40.1691, 19.1379,
72.8119

84.1100, 94.8753,
85.1148

Harmonies

Analogous

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



60.2580, 60.1544, 87.7742



63.5371, 60.1544, 79.4964



65.1223, 60.1544, 68.0887

Triad

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



63.5371, 60.1544, 79.4964



58.0726, 60.1544, 46.0425



50.4266, 60.1544, 74.5621

Complementary

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



63.5371, 60.1544, 79.4964



59.8037, 69.6625, 61.9270

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.



49.9020, 60.1544, 62.9737



63.5371, 60.1544, 79.4964



54.1989, 60.1544, 47.3507

Square

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



63.5371, 60.1544, 79.4964



61.8740, 60.1544, 49.4407



51.2524, 60.1544, 53.2475



52.7200, 60.1544, 84.7022

Rectangle

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



63.5371, 60.1544, 79.4964



64.9553, 60.1544, 60.5802



51.2524, 60.1544, 53.2475



50.0421, 60.1544, 70.6748

Sweetspot

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



63.5389, 60.1570, 79.4977



91.6322, 93.5351, 107.8323



56.1788, 57.2012, 79.3151



19.4796, 19.7683, 23.0389



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.



63.5389, 60.1570, 79.4977



82.3935, 76.1622, 104.9659



62.5152, 59.8191, 70.8718



14.2001, 13.8867, 17.3197



23.1866, 11.0484, 41.9589



1.6347, 0.7800, 2.9096

Inverse Universe

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



60.6466, 59.0717, 61.0319



77.8512, 74.4600, 75.8603



60.7567, 69.9836, 69.6607



13.7441, 13.7153, 14.4227



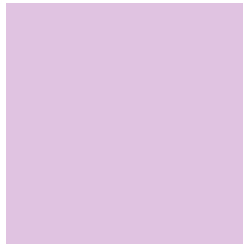
17.9579, 9.2502, 1.1782



1.2580, 0.6465, 0.1512

Previews

White Background



This preview shows how the XYZ color 63.5371, 60.1544, 79.4964 looks on a white background.

Color Contrast Check

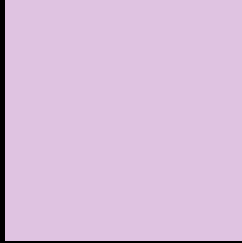
Large Text (above 18pt) WCAG AA × Fail

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 63.5371, 60.1544, 79.4964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

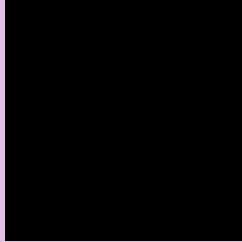
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5371, 60.1544, 79.4964

Background



This preview shows how black text looks on a background with the XYZ color 63.5371, 60.1544, 79.4964.



This preview shows how white text looks on a background with the XYZ color 63.5371, 60.1544,

79.4964.

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

63.5371, 60.1544, 79.4964

Protanopia

59.2229, 60.2336, 83.3678

Deuteranopia

61.3802, 60.0661, 78.8798



Tritanopia

61.7953, 60.1088, 71.2960

Trichromacy



Original Color

63.5371, 60.1544, 79.4964

Protanomaly

60.4394, 59.8582, 81.7671

Deuteranomaly

62.0361, 60.0660, 78.8453

Tritanomaly

62.3885, 60.0192, 73.9423

Monochromacy



Original Color

63.5371, 60.1544, 79.4964

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9341, 61.7130, 72.3186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5371, 60.1544, 79.4964 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(223, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 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(223, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.5371, 60.1544, 79.4964 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(223, 195, 225) }
```


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

```
.border{ border-color:rgb(223, 195, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 195, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 195, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 195,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5371, 60.1544, 79.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 195, 225) }
```

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

```
.background{ background-color: rgb(223,  
195, 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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