

Converting Colors

XYZ(64.5464, 60.5338, 84.2443)

Have a look what the booklet for
XYZ(64.5464, 60.5338, 84.2443)
contains.

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Color

**XYZ(64.3703, 60.4877,
83.8839)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC3E7
RGB	223, 195, 231
RGB Percent	87%, 76%, 91%
CMY	0.1255, 0.2353, 0.0941
CMYK	0.03, 0.16, 0.00, 0.09
HSL	287°, 43%, 84%
HSV	287°, 16%, 91%
XYZ	64.3703, 60.4877, 83.8839
YIQ	207.4760, 5.1320, 17.1320

Conversions

Conversions Part 2

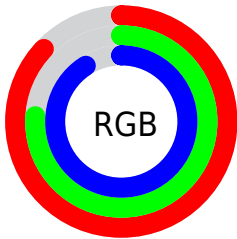
Format	Color
R _Y B	223, 195, 231
Decimal	14664679
CIE Lab	82.10, 16.23, -14.20
CIE LCh	82, 21.569, 318.816
Yxy	60.4877, 0.3084, 0.2898
Android (android.graphics.Color)	4292854759 (0xFFDFC3E7)
YUV	207.4760, 11.5973, 13.6145
Hunter-Lab	77.7738, 11.6331, -9.5062

Details

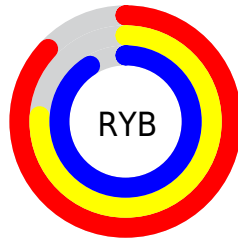
The XYZ color **64.3703, 60.4877, 83.8839** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.0570, 73.7900, 62.5522**, and the grayscale version is **59.5419, 62.6427, 68.2179**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.4112, 30.4697, 44.6777** is the 20% darker color. If you saturate the color by 10%, you get **58.0323, 50.1235, 82.2184**, and if you desaturate by 10%, it is **71.5605, 72.4831, 85.8212**.

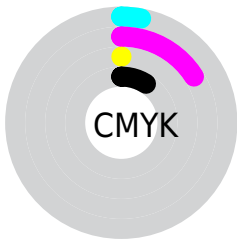
Distribution



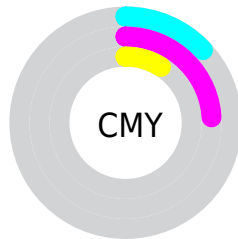
- Red (87%)
- Green (76%)
- Blue (91%)



- Red (87%)
- Yellow (76%)
- Blue (91%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3703, 60.4877, 83.8839 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 64.3703, 60.4877, 83.8839 by changing the saturation by 10% instead.

64.3703, 60.4877,
83.8839

64.3703, 60.4877,
83.8839

430.1067,
426.3931, 527.9756

47.2135, 43.8119,
62.3748

110.2148,
105.5368, 140.6730

33.4131, 30.5226,
44.8978

139.6332,
134.6789, 176.7901

22.6038, 20.2356,
31.0346

173.8695,
168.7451, 218.6136

14.4203, 12.5664,
20.3665

213.2890,
208.1200, 266.5620

8.4972, 7.1307,
12.4750

258.2571,
253.1878, 321.0538

4.4692, 3.5440,
6.9416

309.1392,

1.9709, 1.4219,

304.3330, 382.5077

3.3477

366.3006,
361.9400, 451.3421

■ 0.6175, 0.2328,
1.2748

■ 0.0000, 0.0000,
0.0410

■ 64.3703, 60.4877,
83.8839

■ 64.3703, 60.4877,
83.8839

■ 58.0323, 50.1235,
82.2184

■ 71.5605, 72.4831,
85.8212

■ 52.5041, 41.3092,
80.8084

■ 79.6322, 86.1707,
88.0377

■ 47.7473, 33.9679,
79.6421

■ 85.5792, 95.5365,
89.5321

■ 43.7186, 28.0134,
78.7051

■ 87.3315, 96.4398,
89.6141

■ 40.3698, 23.3499,
77.9815

■ 89.1334, 97.3687,
89.6984

■ 37.6466, 19.8698,
77.4533

■ 90.9852, 98.3234,
89.7851

■ 35.4859, 17.4473,
77.0996

■ 91.4240, 98.5496,
89.8056

■ 33.8101, 15.9279,
76.8946

■ 33.1683, 15.4326,
76.8328

Harmonies

Analogous

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



60.3762, 60.4877, 92.7048



64.3703, 60.4877, 83.8839



66.5614, 60.4877, 70.8697

Triad

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



64.3703, 60.4877, 83.8839



59.2151, 60.4877, 44.1066



49.5598, 60.4877, 74.3261

Complementary

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



64.3703, 60.4877, 83.8839



63.0570, 73.7900, 62.5522

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.



49.2858, 60.4877, 61.0937



64.3703, 60.4877, 83.8839



54.7006, 60.4877, 44.7744

Square

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



64.3703, 60.4877, 83.8839



63.4816, 60.4877, 48.6601



51.1215, 60.4877, 50.6240



51.8911, 60.4877, 86.7013

Rectangle

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



64.3703, 60.4877, 83.8839



66.6311, 60.4877, 62.0742



51.1215, 60.4877, 50.6240



49.2289, 60.4877, 69.7984

Sweetspot

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



64.3721, 60.4903, 83.8852



90.0818, 91.5997, 107.5404



58.3825, 60.2754, 84.1594



19.1366, 19.3627, 22.9787



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.



64.3721, 60.4903, 83.8852



77.6430, 70.9026, 104.2011



65.5764, 61.2635, 77.0567



14.6653, 14.4452, 18.1596



18.7054, 8.7089, 43.0783



1.4597, 0.6835, 3.1870

Inverse Universe

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



63.2517, 60.3336, 64.8147



76.0097, 70.6942, 75.5015



62.0549, 73.1440, 68.3549



14.5075, 14.4202, 15.6068



18.8524, 9.6752, 2.8520



1.4276, 0.7288, 0.3923

Previews

White Background



This preview shows how the XYZ color 64.3703, 60.4877, 83.8839 looks on a white background.

Color Contrast Check

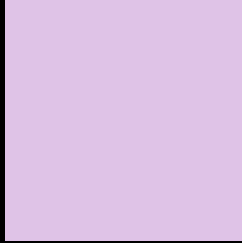
Large Text (above 18pt) WCAG AA × Fail

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 64.3703, 60.4877, 83.8839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

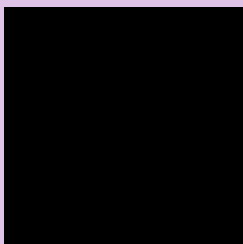
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3703, 60.4877, 83.8839

Background



This preview shows how black text looks on a background with the XYZ color 64.3703, 60.4877, 83.8839.



This preview shows how white text looks on a background with the XYZ color 64.3703, 60.4877,

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

64.3703, 60.4877, 83.8839

Protanopia

59.7850, 60.7738, 87.9364

Deuteranopia

61.8577, 60.5571, 83.2913



Tritanopia

61.8469, 60.4589, 72.0284

Trichromacy



Original Color

64.3703, 60.4877, 83.8839

Protanomaly

61.2377, 60.5145, 86.2948

Deuteranomaly

62.7959, 60.7003, 83.2695

Tritanomaly

62.7033, 60.4720, 76.0776

Monochromacy



Original Color

64.3703, 60.4877, 83.8839

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1912, 61.8159, 73.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3703, 60.4877, 83.8839 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.3703, 60.4877, 83.8839 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, 231) }
```


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

```
.border{ border-color:rgb(223, 195, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 195, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 195, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 195,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3703, 60.4877, 83.8839 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, 231) }
```

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

```
.background{ background-color: rgb(223,  
195, 231) }
```

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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