

Converting Colors

XYZ(63.2267, 60.3866, 76.7322)

Have a look what the booklet for
XYZ(63.2267, 60.3866, 76.7322)
contains.

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Color

**XYZ(63.2225, 60.3883,
76.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC4DD
RGB	223, 196, 221
RGB Percent	87%, 77%, 87%
CMY	0.1255, 0.2314, 0.1333
CMYK	0.00, 0.12, 0.01, 0.13
HSL	304°, 30%, 82%
HSV	304°, 12%, 87%
XYZ	63.2225, 60.3883, 76.7305
YIQ	206.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

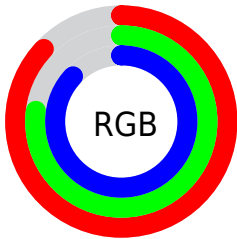
Format	Color
R _Y B	223, 196, 221
Decimal	14664925
CIE Lab	82.05, 13.84, -8.93
CIE LCh	82, 16.469, 327.172
Yxy	60.3883, 0.3156, 0.3014
Android (android.graphics.Color)	4292855005 (0xFFDFC4DD)
YUV	206.9230, 6.9400, 14.0995
Hunter-Lab	77.7099, 9.2300, -4.1458

Details

The XYZ color **63.2225, 60.3883, 76.7305** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.3480, 68.5900, 63.5406**, and the grayscale version is **59.2132, 62.2969, 67.8413**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **32.7044, 30.4240, 40.2251** is the 20% darker color. If you saturate the color by 10%, you get **58.3432, 50.9793, 74.0239**, and if you desaturate by 10%, it is **68.8551, 71.2986, 79.7003**.

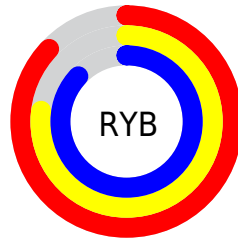
Distribution



Red (87%)

Green (77%)

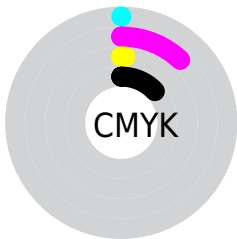
Blue (87%)



Red (87%)

Yellow (77%)

Blue (87%)

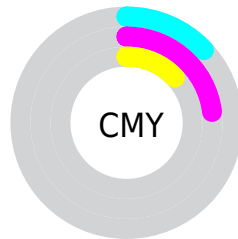


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2225, 60.3883, 76.7305 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 63.2225, 60.3883, 76.7305 by changing the saturation by 10% instead.

63.2225, 60.3883,
76.7305

63.2225, 60.3883,
76.7305

426.0234,
426.0276, 503.2579

46.2806, 43.7317,
56.5215

108.5705,
105.3927, 130.5285

32.6728, 30.4596,
40.2144

137.7072,
134.5094, 164.9546

22.0340, 20.1877,
27.3907

171.6395,
168.5481, 204.9568

13.9986, 12.5316,
17.6318

210.7329,
207.8934, 250.9536

8.2014, 7.1068,
10.5193

255.3526,
252.9296, 303.3635

4.2770, 3.5290,
5.6345

305.8640,

1.8600, 1.4137,

304.0411, 362.6052

2.5590

362.6325,
361.6123, 429.0972

■ 0.5534, 0.2268,
0.8712

■ 0.0000, 0.0000,
0.0000

■ 63.2225, 60.3883,
76.7305

■ 63.2225, 60.3883,
76.7305

■ 58.3432, 50.9793,
74.0239

■ 68.8551, 71.2986,
79.7003

■ 54.1790, 42.9981,
71.5657

■ 75.2666, 83.7639,
82.9397

■ 50.6963, 36.3765,
69.3452

■ 79.9136, 92.6969,
85.6017

■ 47.8570, 31.0380,
67.3498

■ 80.1414, 92.7880,
86.8014

45.6187, 26.8983,
65.5654

80.3714, 92.8800,
88.0127

43.9345, 23.8633,
63.9761

80.6036, 92.9729,
89.2355

42.7501, 21.8244,
62.5640

80.8381, 93.0667,
90.4700

42.0003, 20.6515,
61.3072

81.0747, 93.1613,
91.7161

41.6307, 20.1677,
60.3965

81.3135, 93.2569,
92.9738

Harmonies

Analogous

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



60.5164, 60.3883, 84.3737



63.2225, 60.3883, 76.7305



64.3635, 60.3883, 66.7052

Triad

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



63.2225, 60.3883, 76.7305



57.7289, 60.3883, 48.3657



51.6322, 60.3883, 74.9248

Complementary

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



63.2225, 60.3883, 76.7305



59.3480, 68.5900, 63.5406

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.



50.9528, 60.3883, 64.8091



63.2225, 60.3883, 76.7305



54.3872, 60.3883, 50.0951

Square

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



63.2225, 60.3883, 76.7305



61.1123, 60.3883, 50.8900



51.9413, 60.3883, 55.8751



53.8359, 60.3883, 83.2591

Rectangle

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



63.2225, 60.3883, 76.7305



64.0499, 60.3883, 60.2404



51.9413, 60.3883, 55.8751



51.2220, 60.3883, 71.5912

Sweetspot

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



63.2243, 60.3909, 76.7318



91.7605, 93.6153, 107.2044



56.2979, 56.7893, 77.8073



19.5122, 19.7887, 22.8793



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.



63.2243, 60.3909, 76.7318



83.5855, 77.7957, 102.8441



61.5217, 59.7099, 67.7661



14.2489, 13.9172, 17.0809



24.4963, 11.8655, 35.6089



1.7112, 0.8278, 2.5381

Inverse Universe

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



63.2243, 60.3909, 76.7318



83.5855, 77.7957, 102.8441



60.9503, 69.2309, 71.9779



14.2489, 13.9172, 17.0809



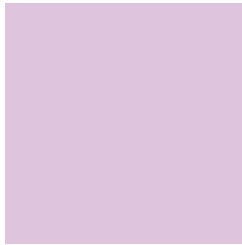
24.4963, 11.8655, 35.6089



1.7112, 0.8278, 2.5381

Previews

White Background



This preview shows how the XYZ color 63.2225, 60.3883, 76.7305 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 63.2225, 60.3883, 76.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

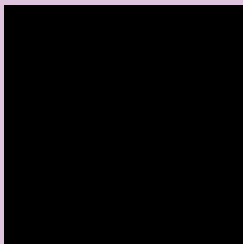
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2225, 60.3883, 76.7305

Background



This preview shows how black text looks on a background with the XYZ color 63.2225, 60.3883, 76.7305.



This preview shows how white text looks on a background with the XYZ color 63.2225, 60.3883,

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

63.2225, 60.3883, 76.7305

Protanopia

59.3037, 60.7047, 79.8257

Deuteranopia

61.8605, 60.3603, 76.7969



Tritanopia

62.1007, 60.2662, 71.3103

Trichromacy



Original Color

63.2225, 60.3883, 76.7305

Protanomaly

60.6872, 60.3920, 78.9793

Deuteranomaly

62.2308, 60.2130, 76.7490

Tritanomaly

62.4851, 60.4200, 73.3346

Monochromacy



Original Color

63.2225, 60.3883, 76.7305

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6802, 61.6115, 70.9814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2225, 60.3883, 76.7305 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, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 221)  
}
```

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, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.2225, 60.3883, 76.7305 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, 196, 221) }
```


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

```
.border{ border-color:rgb(223, 196, 221) }
```

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

Here you see how a box with a 4 pixel rgb(223, 196, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2225, 60.3883, 76.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 221) }
```

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

```
.background{ background-color: rgb(223,  
196, 221) }
```

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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