

Converting Colors

XYZ(63.2983, 63.6889, 83.8252)

Have a look what the booklet for
XYZ(63.2983, 63.6889, 83.8252)
contains.

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Color

**XYZ(63.2182, 63.7047,
83.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CEE6
RGB	211, 206, 230
RGB Percent	83%, 81%, 90%
CMY	0.1725, 0.1921, 0.0980
CMYK	0.08, 0.10, 0.00, 0.10
HSL	252°, 32%, 85%
HSV	252°, 10%, 90%
XYZ	63.2182, 63.7047, 83.8272
YIQ	210.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

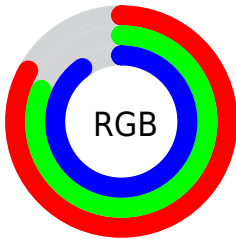
Format	Color
R _Y B	211, 206, 230
Decimal	13881062
CIE Lab	83.81, 6.23, -11.21
CIE LCh	84, 12.829, 299.054
Yxy	63.7047, 0.3000, 0.3023
Android (android.graphics.Color)	4292071142 (0xFFD3CEE6)
YUV	210.2310, 9.7461, 0.6744
Hunter-Lab	79.8152, 1.7055, -6.3996

Details

The XYZ color **63.2182, 63.7047, 83.8272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4911, 77.0591, 69.5543**, and the grayscale version is **61.3521, 64.5472, 70.2919**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5785, 32.5804, 44.6160** is the 20% darker color. If you saturate the color by 10%, you get **53.1567, 50.8922, 81.8854**, and if you desaturate by 10%, it is **74.6848, 78.4477, 86.0695**.

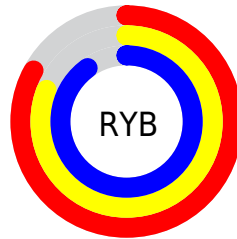
Distribution



Red (83%)

Green (81%)

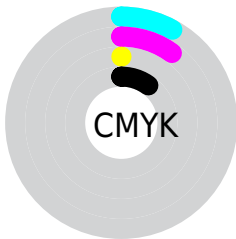
Blue (90%)



Red (83%)

Yellow (81%)

Blue (90%)

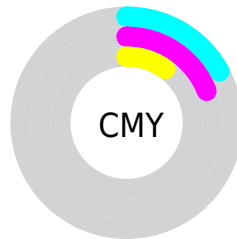


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (17%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2182, 63.7047, 83.8272 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 63.2182, 63.7047, 83.8272 by changing the saturation by 10% instead.

■ 63.2182, 63.7047,
83.8272

■ 63.2182, 63.7047,
83.8272

426.0080,
438.1225, 527.7823

■ 46.2771, 46.4115,
62.3282

108.5643,
110.1855, 140.5930

■ 32.6701, 32.5707,
44.8605

137.7000,
140.1420, 176.6969

■ 22.0318, 21.7978,
31.0054

171.6312,
175.0884, 218.5062

■ 13.9970, 13.7084,
20.3444

210.7233,
215.4091, 266.4394

■ 8.2003, 7.9181,
12.4591

255.3417,
261.4884, 320.9151

■ 4.2763, 4.0426,
6.9308

305.8517,

■ 1.8596, 1.6974,

313.7108, 382.3517

3.3411

362.6187,
372.4607, 451.1680

■ 0.5532, 0.4220,
1.2713

■ 0.0000, 0.0000,
0.0381

■ 63.2182, 63.7047,
83.8272

■ 63.2182, 63.7047,
83.8272

■ 53.1567, 50.8922,
81.8854

■ 74.6848, 78.4477,
86.0695

■ 44.4399, 39.9219,
80.2274

■ 87.6024, 95.1885,
88.6200

■ 37.0113, 30.7107,
78.8410

■ 91.2831, 98.4932,
89.0639

■ 30.8084, 23.1657,
77.7115

■ 25.7631, 17.1855,
76.8232

■ 21.8002, 12.6574,
76.1580

■ 18.8356, 9.4534,
75.6958

■ 16.7710, 7.4218,
75.4125

■ 15.4970, 6.3390,
75.2707

Harmonies

Analogous

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



60.4600, 63.7047, 86.0592



63.2182, 63.7047, 83.8272



65.3148, 63.7047, 77.6504

Triad

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



63.2182, 63.7047, 83.8272



63.3777, 63.7047, 56.8915



55.2934, 63.7047, 69.1078

Complementary

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



63.2182, 63.7047, 83.8272



70.4911, 77.0591, 69.5543

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.



56.0216, 63.7047, 61.6884



63.2182, 63.7047, 83.8272



60.6389, 63.7047, 54.9803

Square

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



63.2182, 63.7047, 83.8272



65.4089, 63.7047, 62.0994



57.9568, 63.7047, 56.6674



55.9368, 63.7047, 77.1732

Rectangle

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



63.2182, 63.7047, 83.8272



66.0247, 63.7047, 72.3511



57.9568, 63.7047, 56.6674



55.3855, 63.7047, 66.4595

Sweetspot

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



63.2201, 63.7074, 83.8286



90.4645, 94.0851, 108.0000



66.7180, 72.7955, 85.3984



19.1068, 19.8080, 23.0662



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.



63.2201, 63.7074, 83.8286



76.3658, 76.0003, 105.2524



66.7262, 65.5149, 83.9927



13.8618, 14.0310, 18.1220



8.8552, 3.6309, 42.6173



0.7306, 0.3076, 3.1528

Inverse Universe

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



68.2973, 66.4047, 80.4551



84.2798, 80.2062, 99.9253



66.9381, 75.2275, 69.3880



14.8598, 14.5611, 17.4621



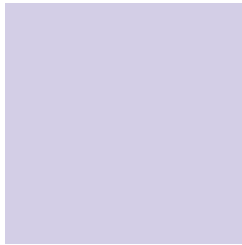
23.3074, 11.4572, 26.3115



1.7547, 0.8596, 2.1150

Previews

White Background



This preview shows how the XYZ color 63.2182, 63.7047, 83.8272 looks on a white background.

Color Contrast Check

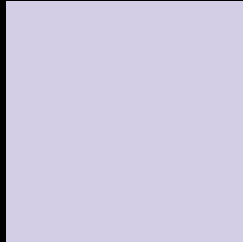
Large Text (above 18pt) WCAG AA × Fail

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 63.2182, 63.7047, 83.8272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

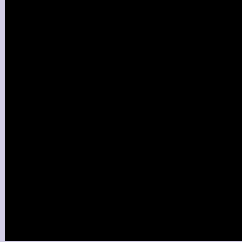
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

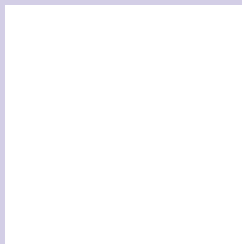
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2182, 63.7047, 83.8272

Background



This preview shows how black text looks on a background with the XYZ color 63.2182, 63.7047, 83.8272.

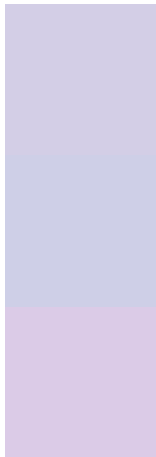


This preview shows how white text looks on a background with the XYZ color 63.2182, 63.7047,

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

63.2182, 63.7047, 83.8272

Protanopia

62.1902, 63.5170, 84.5835

Deuteranopia

64.9932, 63.5415, 84.4405



Tritanopia

62.2104, 63.6550, 78.8198

Trichromacy



Original Color

63.2182, 63.7047, 83.8272

Protanomaly

62.7491, 63.8051, 84.6097

Deuteranomaly

64.3356, 63.5542, 84.4776

Tritanomaly

62.6186, 63.8183, 80.9693

Monochromacy



Original Color

63.2182, 63.7047, 83.8272

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.9032, 64.3123, 74.7965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2182, 63.7047, 83.8272 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(211, 206, 230) looks like.

```
.text, #text, p{  
    color:rgb(211, 206, 230)  
}
```

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(211, 206, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 206, 230) }
```

Border

The CSS property to change the border of an element to XYZ 63.2182, 63.7047, 83.8272 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(211, 206, 230) }
```


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

```
.border{ border-color:rgb(211, 206, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 206, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 206, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 206, 230);  
box-shadow:4px 4px 4px 4px rgb(211, 206,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2182, 63.7047, 83.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 206, 230) }
```

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

```
.background{ background-color: rgb(211,  
206, 230) }
```

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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