

Converting Colors

XYZ(63.2333, 63.2077, 73.5931)

Have a look what the booklet for
XYZ(63.2333, 63.2077, 73.5931)
contains.

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Color

**XYZ(63.2010, 63.2037,
73.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCCD8
RGB	219, 204, 216
RGB Percent	86%, 80%, 85%
CMY	0.1412, 0.2000, 0.1529
CMYK	0.00, 0.07, 0.01, 0.14
HSL	312°, 17%, 83%
HSV	312°, 7%, 86%
XYZ	63.2010, 63.2037, 73.8342
YIQ	209.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

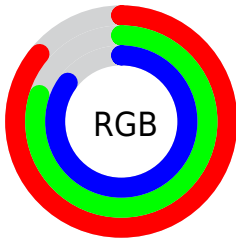
Format	Color
R _Y B	219, 204, 216
Decimal	14404824
CIE Lab	83.55, 7.32, -4.07
CIE LCh	84, 8.378, 330.914
Yxy	63.2037, 0.3156, 0.3156
Android (android.graphics.Color)	4292594904 (0xFFDBCCD8)
YUV	209.8530, 3.0305, 8.0219
Hunter-Lab	79.5008, 2.7765, 0.5865

Details

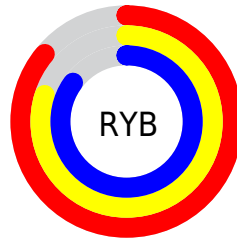
The XYZ color **63.2010, 63.2037, 73.8342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4983, 68.0072, 68.9203**, and the grayscale version is **61.1421, 64.3263, 70.0513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6492, 32.2784, 38.2278** is the 20% darker color. If you saturate the color by 10%, you get **57.7991, 53.2935, 69.2766**, and if you desaturate by 10%, it is **69.3535, 74.5892, 78.7180**.

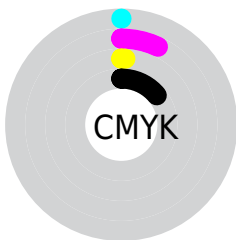
Distribution



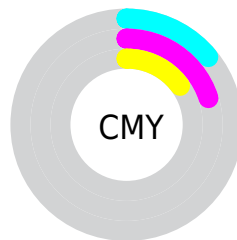
- Red (86%)
- Green (80%)
- Blue (85%)



- Red (86%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2010, 63.2037, 73.8342 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 63.2010, 63.2037, 73.8342 by changing the saturation by 10% instead.

63.2010, 63.2037,
73.8342

63.2010, 63.2037,
73.8342

425.9467,
436.3084, 493.0490

46.2631, 46.0060,
54.1624

108.5396,
109.4633, 126.3926

32.6590, 32.2506,
38.3374

137.6711,
139.2941, 160.1163

22.0233, 21.5530,
25.9408

171.5977,
174.1046, 199.3610

13.9907, 13.5288,
16.5540

210.6849,
214.2794, 244.5453

8.1959, 7.7937,
9.7584

255.2981,
260.2028, 296.0877

4.2734, 3.9632,
5.1356

305.8025,

1.8579, 1.6530,

312.2591, 354.4068

2.2669

362.5636,
370.8329, 419.9210

■ 0.5522, 0.3929,
0.7126

■ 0.0000, 0.0000,
0.0000

■ 63.2010, 63.2037,
73.8342

■ 63.2010, 63.2037,
73.8342

■ 57.7991, 53.2935,
69.2766

■ 69.3535, 74.5892,
78.7180

■ 53.1119, 44.7897,
65.0305

■ 76.2799, 87.4989,
83.9342

■ 49.1086, 37.6298,
61.0857

■ 79.1371, 92.2456,
87.8695

■ 45.7540, 31.7438,
57.4299

■ 79.7573, 92.4937,
91.1354

43.0098, 27.0550,
54.0498

80.3930, 92.7480,
94.4833

40.8334, 23.4787,
50.9306

81.0444, 93.0085,
97.9136

39.1768, 20.9190,
48.0556

81.7116, 93.2754,
101.4271

37.9838, 19.2636,
45.4056

82.3947, 93.5486,
105.0241

37.1817, 18.3673,
42.9556

83.0239, 93.8003,
108.3372

Harmonies

Analogous

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



61.8992, 63.2037, 77.8311



63.2010, 63.2037, 73.8342



63.6607, 63.2037, 68.6575

Triad

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



63.2010, 63.2037, 73.8342



60.0171, 63.2037, 59.2256



57.1046, 63.2037, 74.1263

Complementary

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



63.2010, 63.2037, 73.8342



61.4983, 68.0072, 68.9203

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.



56.6231, 63.2037, 68.9789



63.2010, 63.2037, 73.8342



58.2835, 63.2037, 60.5292

Square

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



63.2010, 63.2037, 73.8342



61.8001, 63.2037, 60.3818



57.0504, 63.2037, 64.0345



58.3788, 63.2037, 78.0057

Rectangle

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



63.2010, 63.2037, 73.8342



63.4205, 63.2037, 65.2831



57.0504, 63.2037, 64.0345



56.8459, 63.2037, 72.4784

Sweetspot

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



63.2028, 63.2064, 73.8356



93.2807, 96.7235, 107.5020



60.1138, 61.5688, 75.7345



19.9844, 20.7371, 23.0246



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.



63.2028, 63.2064, 73.8356



88.2337, 87.4078, 103.4206



62.2553, 62.8274, 68.8459



13.4969, 13.2279, 15.8780



21.9612, 10.7855, 25.2392



1.4517, 0.7103, 1.7877

Inverse Universe

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



63.2028, 63.2064, 73.8356



88.2337, 87.4078, 103.4206



62.4371, 68.3827, 73.8638



13.4969, 13.2279, 15.8780



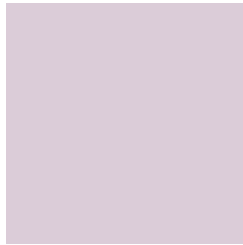
21.9612, 10.7855, 25.2392



1.4517, 0.7103, 1.7877

Previews

White Background



This preview shows how the XYZ color 63.2010, 63.2037, 73.8342 looks on a white background.

Color Contrast Check

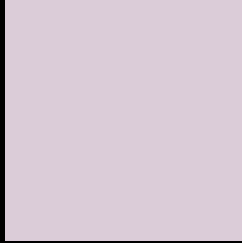
Large Text (above 18pt) WCAG AA × Fail

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 63.2010, 63.2037, 73.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

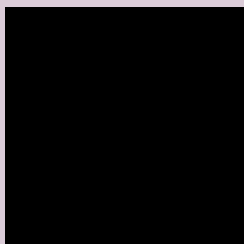
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2010, 63.2037, 73.8342

Background



This preview shows how black text looks on a background with the XYZ color 63.2010, 63.2037, 73.8342.



This preview shows how white text looks on a background with the XYZ color 63.2010, 63.2037,

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

63.2010, 63.2037, 73.8342

Protanopia

61.2622, 63.2429, 75.3079

Deuteranopia

64.5665, 63.2065, 73.7628



Tritanopia

63.6573, 63.0420, 75.8311

Trichromacy



Original Color

63.2010, 63.2037, 73.8342

Protanomaly

62.0363, 63.2985, 74.5938

Deuteranomaly

64.1820, 63.3577, 73.8123

Tritanomaly

63.5260, 62.9895, 75.1397

Monochromacy



Original Color

63.2010, 63.2037, 73.8342

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8801, 64.0114, 71.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2010, 63.2037, 73.8342 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(219, 204, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 216)  
}
```

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(219, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.2010, 63.2037, 73.8342 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(219, 204, 216) }
```


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

```
.border{ border-color:rgb(219, 204, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2010, 63.2037, 73.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 216) }
```

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

```
.background{ background-color: rgb(219,  
204, 216) }
```

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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