

Converting Colors

XYZ(63.3162, 63.6299, 70.6079)

Have a look what the booklet for
XYZ(63.3162, 63.6299, 70.6079)
contains.

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Color

**XYZ(63.4080, 63.7379,
70.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCDD3
RGB	221, 205, 211
RGB Percent	87%, 80%, 83%
CMY	0.1333, 0.1961, 0.1725
CMYK	0.00, 0.07, 0.05, 0.13
HSL	338°, 19%, 84%
HSV	338°, 7%, 87%
XYZ	63.4080, 63.7379, 70.5887
YIQ	210.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

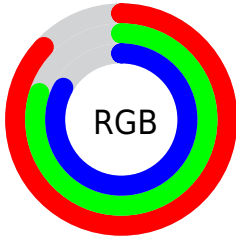
Format	Color
R _Y B	221, 205, 211
Decimal	14536147
CIE Lab	83.83, 6.59, -0.98
CIE LCh	84, 6.664, 351.566
Yxy	63.7379, 0.3207, 0.3223
Android (android.graphics.Color)	4292726227 (0xFFDDCDD3)
YUV	210.4680, 0.2623, 9.2366
Hunter-Lab	79.8360, 2.0567, 3.4627

Details

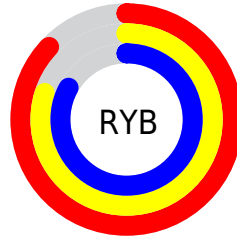
The XYZ color **63.4080, 63.7379, 70.5887** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3015, 69.6001, 74.3912**, and the grayscale version is **61.5625, 64.7685, 70.5329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8783, 32.6745, 36.4722** is the 20% darker color. If you saturate the color by 10%, you get **56.8324, 53.2399, 60.2159**, and if you desaturate by 10%, it is **70.8828, 75.7944, 81.9973**.

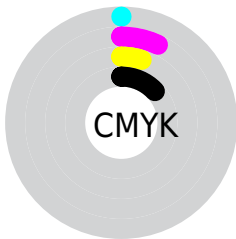
Distribution



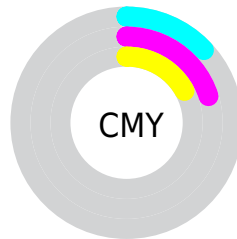
- Red (87%)
- Green (80%)
- Blue (83%)



- Red (87%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4080, 63.7379, 70.5887 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 63.4080, 63.7379, 70.5887 by changing the saturation by 10% instead.

63.4080, 63.7379,
70.5887

63.4080, 63.7379,
70.5887

426.6849,
438.2425, 481.4592

46.4312, 46.4384,
51.5268

108.8364,
110.2334, 121.7369

32.7923, 32.5919,
36.2484

138.0188,
140.1982, 154.6603

22.1259, 21.8140,
24.3349

172.0004,
175.1535, 193.0413

14.0665, 13.7203,
15.3678

211.1467,
215.4838, 237.2984

8.2490, 7.9264,
8.9284

255.8229,
261.5735, 287.8503

4.3078, 4.0479,
4.5983

306.3944,

1.8777, 1.7004,

313.8069, 345.1153

1.9590

363.2266,
372.5685, 409.5121

■ 0.5638, 0.4239,
0.5299

■ 0.0000, 0.0000,
0.0000

■ 63.4080, 63.7379,
70.5887

■ 63.4080, 63.7379,
70.5887

■ 56.8324, 53.2399,
60.2159

■ 70.8828, 75.7944,
81.9973

■ 51.1158, 44.2283,
50.8447

■ 79.2842, 89.4611,
94.4663

■ 46.2227, 36.6376,
42.4450

■ 83.2211, 93.9491,
106.2165

■ 42.1131, 30.3944,
34.9836

■ 83.6292, 94.1124,
108.3655

■ 38.7436, 25.4185,
28.4250

■ 36.0661, 21.6209,
22.7313

■ 34.0267, 18.9012,
17.8615

■ 32.5627, 17.1419,
13.7701

■ 31.5919, 16.1874,
10.4035

Harmonies

Analogous

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



62.8126, 63.7379, 74.5320



63.4080, 63.7379, 70.5887



63.2364, 63.7379, 66.4787

Triad

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



63.4080, 63.7379, 70.5887



59.5523, 63.7379, 62.1699



58.8482, 63.7379, 75.9074

Complementary

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



63.4080, 63.7379, 70.5887



63.3015, 69.6001, 74.3912

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.



58.0009, 63.7379, 72.4051



63.4080, 63.7379, 70.5887



58.4028, 63.7379, 64.5087

Square

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



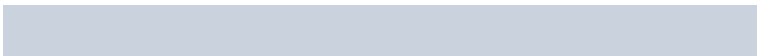
63.4080, 63.7379, 70.5887



60.9947, 63.7379, 61.7276



57.8392, 63.7379, 68.2242



60.1691, 63.7379, 77.6827

Rectangle

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



63.4080, 63.7379, 70.5887



62.7113, 63.7379, 64.1877



57.8392, 63.7379, 68.2242



58.4994, 63.7379, 74.8865

Sweetspot

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



63.4098, 63.7407, 70.5901



92.9354, 96.5854, 105.6838



62.8699, 63.3129, 77.3146



19.9142, 20.7090, 22.6545



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.



63.4098, 63.7407, 70.5901



85.9361, 85.3315, 94.8889



63.1209, 64.3437, 66.8536



13.2569, 13.1319, 14.6141



18.2763, 9.3116, 5.8351



1.2250, 0.6196, 0.5938

Inverse Universe

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



63.4098, 63.7407, 70.5901



85.9361, 85.3315, 94.8889



63.5964, 68.9340, 78.3613



13.2569, 13.1319, 14.6141



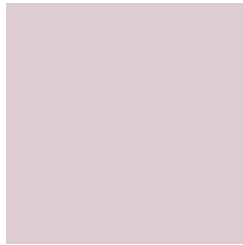
18.2763, 9.3116, 5.8351



1.2250, 0.6196, 0.5938

Previews

White Background



This preview shows how the XYZ color 63.4080, 63.7379, 70.5887 looks on a white background.

Color Contrast Check

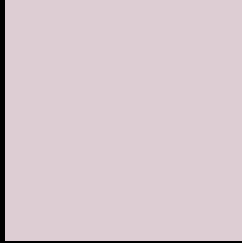
Large Text (above 18pt) WCAG AA × Fail

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 63.4080, 63.7379, 70.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

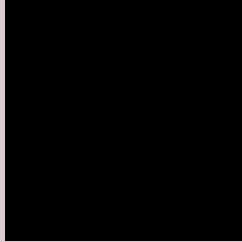
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4080, 63.7379, 70.5887

Background



This preview shows how black text looks on a background with the XYZ color 63.4080, 63.7379, 70.5887.

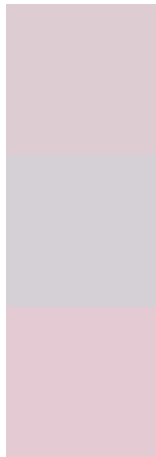


This preview shows how white text looks on a background with the XYZ color 63.4080, 63.7379, 70.5887.

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

63.4080, 63.7379, 70.5887

Protanopia

61.7175, 63.9129, 72.0344

Deuteranopia

64.8733, 63.4382, 70.4536



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

63.4080, 63.7379, 70.5887

Protanomaly

62.2208, 63.8262, 71.3277

Deuteranomaly

64.1651, 63.4226, 70.4879

Tritanomaly

64.2415, 63.7251, 74.5599

Monochromacy



Original Color

63.4080, 63.7379, 70.5887

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.9203, 64.0610, 70.0742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4080, 63.7379, 70.5887 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(221, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 211)  
}
```

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(221, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.4080, 63.7379, 70.5887 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(221, 205, 211) }
```


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

```
.border{ border-color:rgb(221, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4080, 63.7379, 70.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 211) }
```

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

```
.background{ background-color: rgb(221,  
205, 211) }
```

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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