

Converting Colors

XYZ(63.7190, 61.1296, 70.0689)

Have a look what the booklet for
XYZ(63.7190, 61.1296, 70.0689)
contains.

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Color

**XYZ(63.7190, 61.1296,
70.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C5D3
RGB	228, 197, 211
RGB Percent	89%, 77%, 83%
CMY	0.1059, 0.2274, 0.1725
CMYK	0.00, 0.14, 0.07, 0.11
HSL	333°, 36%, 83%
HSV	333°, 14%, 89%
XYZ	63.7190, 61.1296, 70.0689
YIQ	207.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

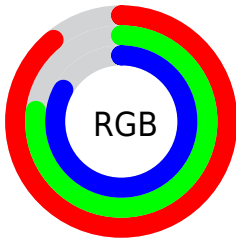
Format	Color
R _Y B	228, 197, 211
Decimal	14992851
CIE Lab	82.45, 13.26, -2.93
CIE LCh	82, 13.577, 347.528
Yxy	61.1296, 0.3269, 0.3136
Android (android.graphics.Color)	4293182931 (0xFFE4C5D3)
YUV	207.8650, 1.5456, 17.6584
Hunter-Lab	78.1854, 8.6482, 1.5948

Details

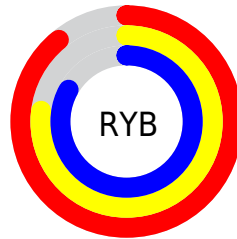
The XYZ color **63.7190, 61.1296, 70.0689** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.9093, 72.2137, 74.2446**, and the grayscale version is **59.8522, 62.9691, 68.5734**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **32.9215, 30.8499, 36.1178** is the 20% darker color. If you saturate the color by 10%, you get **57.4214, 50.9458, 60.5340**, and if you desaturate by 10%, it is **70.9250, 72.9335, 80.5098**.

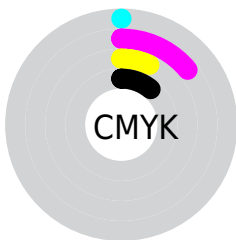
Distribution



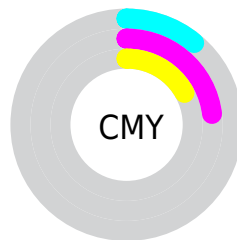
- Red (89%)
- Green (77%)
- Blue (83%)



- Red (89%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7190, 61.1296, 70.0689 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 63.7190, 61.1296, 70.0689 by changing the saturation by 10% instead.

63.7190, 61.1296,
70.0689

63.7190, 61.1296,
70.0689

427.7925,
428.7490, 479.5875

46.6839, 44.3298,
51.1056

109.2822,
106.4666, 120.9890

32.9928, 30.9298,
35.9153

138.5410,
135.7725, 153.7829

22.2801, 20.5454,
24.0796

172.6051,
170.0159, 192.0241

14.1806, 12.7921,
15.1799

211.8398,
209.5812, 236.1310

8.3289, 7.2856,
8.7978

256.6106,
254.8527, 286.5223

4.3597, 3.6413,
4.5145

307.2827,

1.9076, 1.4750,

306.2150, 343.6164

1.9116

364.2216,
364.0523, 407.8320

■ 0.5812, 0.2710,
0.5001

■ 0.0000, 0.0000,
0.0000

■ 63.7190, 61.1296,
70.0689

■ 63.7190, 61.1296,
70.0689

■ 57.4214, 50.9458,
60.5340

■ 70.9250, 72.9335,
80.5098

■ 51.9892, 42.3028,
51.8750

■ 79.0698, 86.4162,
91.8778

■ 47.3836, 35.1268,
44.0655

■ 84.7786, 94.8235,
103.0614

■ 43.5607, 29.3346,
37.0763

■ 85.8052, 95.2341,
108.4674

■ 40.4721, 24.8347,
30.8761

■ 38.0638, 21.5242,
25.4309

■ 36.2740, 19.2844,
20.7033

■ 35.0278, 17.9716,
16.6511

■ 34.4411, 17.4725,
14.3770

Harmonies

Analogous

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



62.3132, 61.1296, 77.9372



63.7190, 61.1296, 70.0689



63.5837, 61.1296, 61.8644

Triad

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



63.7190, 61.1296, 70.0689



56.4384, 61.1296, 52.4617



54.4170, 61.1296, 79.0494

Complementary

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



63.7190, 61.1296, 70.0689



62.9093, 72.2137, 74.2446

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.



52.9445, 61.1296, 71.4869



63.7190, 61.1296, 70.0689



54.0846, 61.1296, 56.3472

Square

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



63.7190, 61.1296, 70.0689



59.3146, 61.1296, 52.1511



52.8249, 61.1296, 63.1697



56.9058, 61.1296, 83.4042

Rectangle

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



63.7190, 61.1296, 70.0689



62.6378, 61.1296, 57.2969



52.8249, 61.1296, 63.1697



53.7904, 61.1296, 76.7707

Sweetspot

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



63.7207, 61.1323, 70.0702



90.9942, 93.3088, 103.1692



61.5676, 59.7629, 81.6900



19.3179, 19.7110, 21.8564



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.



63.7207, 61.1323, 70.0702



79.9914, 75.3161, 87.1303



62.2768, 60.9314, 61.3051



14.6462, 14.4757, 16.3372



19.9453, 10.1124, 8.6071



1.5202, 0.7658, 0.8798

Inverse Universe

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



63.7207, 61.1323, 70.0702



79.9914, 75.3161, 87.1303



64.4914, 72.3931, 83.9737



14.6462, 14.4757, 16.3372



19.9453, 10.1124, 8.6071



1.5202, 0.7658, 0.8798

Previews

White Background



This preview shows how the XYZ color 63.7190, 61.1296, 70.0689 looks on a white background.

Color Contrast Check

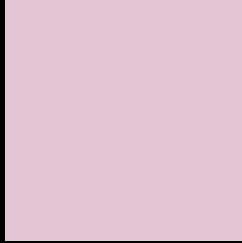
Large Text (above 18pt) WCAG AA × Fail

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 63.7190, 61.1296, 70.0689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

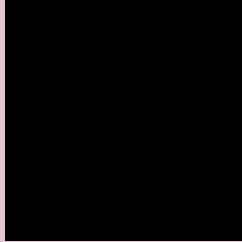
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7190, 61.1296, 70.0689

Background



This preview shows how black text looks on a background with the XYZ color 63.7190, 61.1296, 70.0689.



This preview shows how white text looks on a background with the XYZ color 63.7190, 61.1296,

70.0689.

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

63.7190, 61.1296, 70.0689

Protanopia

59.3122, 61.2138, 72.9793

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

63.8448, 61.1800, 70.7313

Trichromacy



Original Color

63.7190, 61.1296, 70.0689

Protanomaly

60.7558, 60.9245, 72.1758

Deuteranomaly

63.0033, 61.0989, 70.1006

Tritanomaly

63.8448, 61.1800, 70.7313

Monochromacy



Original Color

63.7190, 61.1296, 70.0689

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1258, 62.2363, 69.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7190, 61.1296, 70.0689 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(228, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 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(228, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.7190, 61.1296, 70.0689 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(228, 197, 211) }
```


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

```
.border{ border-color:rgb(228, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(228, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7190, 61.1296, 70.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 211) }
```

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

```
.background{ background-color: rgb(228,  
197, 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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