

Converting Colors

XYZ(63.1669, 61.5398, 67.9061)

Have a look what the booklet for
XYZ(63.1669, 61.5398, 67.9061)
contains.

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Color

**XYZ(63.1726, 61.5697,
68.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C7D0
RGB	226, 199, 208
RGB Percent	89%, 78%, 82%
CMY	0.1137, 0.2196, 0.1843
CMYK	0.00, 0.12, 0.08, 0.11
HSL	340°, 32%, 83%
HSV	340°, 12%, 89%
XYZ	63.1726, 61.5697, 68.2291
YIQ	208.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

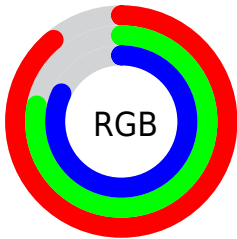
Format	Color
R _Y B	226, 199, 208
Decimal	14862288
CIE Lab	82.68, 10.99, -1.00
CIE LCh	83, 11.032, 354.794
Yxy	61.5697, 0.3274, 0.3191
Android (android.graphics.Color)	4293052368 (0xFFE2C7D0)
YUV	208.0990, -0.0488, 15.6992
Hunter-Lab	78.4664, 6.3927, 3.3718

Details

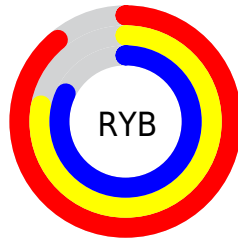
The XYZ color **63.1726, 61.5697, 68.2291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2763, 71.5461, 76.1238**, and the grayscale version is **60.0142, 63.1396, 68.7590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7527, 31.2418, 34.8759** is the 20% darker color. If you saturate the color by 10%, you get **56.5874, 51.2260, 57.3177**, and if you desaturate by 10%, it is **70.7097, 73.5337, 80.3283**.

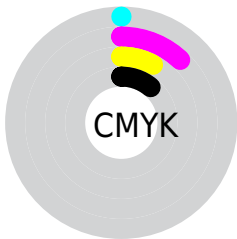
Distribution



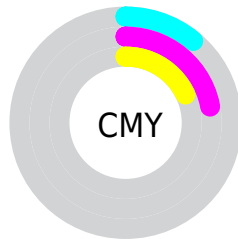
- Red (89%)
- Green (78%)
- Blue (82%)



- Red (89%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1726, 61.5697, 68.2291 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 63.1726, 61.5697, 68.2291 by changing the saturation by 10% instead.

63.1726, 61.5697,
68.2291

63.1726, 61.5697,
68.2291

425.8453,
430.3598, 472.9274

46.2400, 44.6851,
49.6163

108.4989,
107.1034, 118.3371

32.6407, 31.2095,
34.7396

137.6233,
136.5213, 150.6694

22.0093, 20.7584,
23.1804

171.5424,
170.8857, 188.4120

13.9803, 12.9475,
14.5202

210.6215,
210.5810, 231.9833

8.1886, 7.3924,
8.3405

255.2260,
255.9917, 281.8020

4.2687, 3.7087,
4.2227

305.7213,

1.8552, 1.5120,

307.5021, 338.2865

1.7483

362.4726,
365.4967, 401.8555

■ 0.5506, 0.2971,
0.3935

■ 0.0000, 0.0000,
0.0000

■ 63.1726, 61.5697,
68.2291

■ 63.1726, 61.5697,
68.2291

■ 56.5874, 51.2260,
57.3177

■ 70.7097, 73.5337,
80.3283

■ 50.9100, 42.4248,
47.5532

■ 79.2300, 87.1754,
93.6468

■ 46.1007, 35.0937,
38.8979

■ 84.8871, 94.7940,
106.9254

■ 42.1145, 29.1516,
31.3104

■ 85.1743, 94.9089,
108.4378

■ 38.9025, 24.5093,
24.7466

■ 36.4099, 21.0672,
19.1588

■ 34.5746, 18.7110,
14.4951

■ 33.3227, 17.3037,
10.6972

■ 32.6450, 16.6812,
8.2119

Harmonies

Analogous

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



62.3198, 61.5697, 74.8411



63.1726, 61.5697, 68.2291



62.7516, 61.5697, 61.7180

Triad

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



63.1726, 61.5697, 68.2291



56.6315, 61.5697, 55.8843



55.9343, 61.5697, 78.2679

Complementary

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



63.1726, 61.5697, 68.2291



63.2763, 71.5461, 76.1238

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.



54.4833, 61.5697, 72.6573



63.1726, 61.5697, 68.2291



54.8782, 61.5697, 59.7988

Square

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



63.1726, 61.5697, 68.2291



58.9343, 61.5697, 54.8734



54.1019, 61.5697, 65.8627



58.1080, 61.5697, 80.8815

Rectangle

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



63.1726, 61.5697, 68.2291



61.8111, 61.5697, 58.2649



54.1019, 61.5697, 65.8627



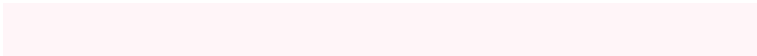
55.3482, 61.5697, 76.6523

Sweetspot

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



63.1743, 61.5724, 68.2304



90.8061, 93.2335, 102.1788



62.7683, 61.0925, 80.4360



19.2704, 19.6920, 21.6061



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.



63.1743, 61.5724, 68.2304



81.1014, 77.8604, 86.5010



63.1491, 63.2433, 62.9150



13.8947, 13.7755, 15.2156



18.6731, 9.5363, 4.9445



1.3349, 0.6772, 0.5563

Inverse Universe

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



63.1743, 61.5724, 68.2304



81.1014, 77.8604, 86.5010



63.2714, 69.6121, 82.0539



13.8947, 13.7755, 15.2156



18.6731, 9.5363, 4.9445



1.3349, 0.6772, 0.5563

Previews

White Background



This preview shows how the XYZ color 63.1726, 61.5697, 68.2291 looks on a white background.

Color Contrast Check

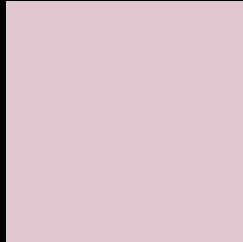
Large Text (above 18pt) WCAG AA × Fail

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 63.1726, 61.5697, 68.2291 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 63.1726, 61.5697, 68.2291

Background



This preview shows how black text looks on a background with the XYZ color 63.1726, 61.5697, 68.2291.



This preview shows how white text looks on a background with the XYZ color 63.1726, 61.5697,

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

63.1726, 61.5697, 68.2291

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

62.8599, 61.4085, 68.2145



Tritanopia

64.0102, 61.5741, 72.1296

Trichromacy



Original Color

63.1726, 61.5697, 68.2291

Protanomaly

61.0131, 61.8121, 69.6880

Deuteranomaly

62.8599, 61.4085, 68.2145

Tritanomaly

63.7563, 61.4725, 70.7924

Monochromacy



Original Color

63.1726, 61.5697, 68.2291

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.2408, 62.6638, 68.5421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1726, 61.5697, 68.2291 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(226, 199, 208) looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 208)  
}
```

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(226, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.1726, 61.5697, 68.2291 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(226, 199, 208) }
```


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

```
.border{ border-color:rgb(226, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1726, 61.5697, 68.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 208) }
```

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

```
.background{ background-color: rgb(226,  
199, 208) }
```

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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