

Converting Colors

XYZ(60.9885, 59.8632, 69.3131)

Have a look what the booklet for
XYZ(60.9885, 59.8632, 69.3131)
contains.

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Color

**XYZ(60.8125, 59.6457,
69.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC5D2
RGB	219, 197, 210
RGB Percent	86%, 77%, 82%
CMY	0.1412, 0.2274, 0.1765
CMYK	0.00, 0.10, 0.04, 0.14
HSL	325°, 23%, 82%
HSV	325°, 10%, 86%
XYZ	60.8125, 59.6457, 69.2804
YIQ	205.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

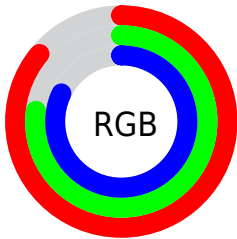
Format	Color
R _Y B	219, 197, 210
Decimal	14403026
CIE Lab	81.65, 9.96, -3.67
CIE LCh	82, 10.614, 339.791
Yxy	59.6457, 0.3205, 0.3144
Android (android.graphics.Color)	4292593106 (0xFFDBC5D2)
YUV	205.0600, 2.4354, 12.2254
Hunter-Lab	77.2306, 5.3998, 0.8748

Details

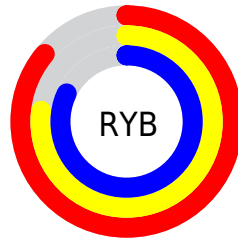
The XYZ color **60.8125, 59.6457, 69.2804** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5003, 66.9911, 68.1902**, and the grayscale version is **58.0489, 61.0720, 66.5074**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.1331, 29.9377, 35.5902** is the 20% darker color. If you saturate the color by 10%, you get **55.1116, 49.9801, 62.0259**, and if you desaturate by 10%, it is **67.3017, 70.7863, 77.1075**.

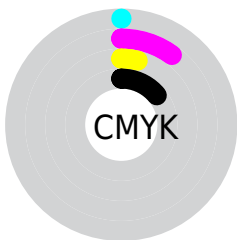
Distribution



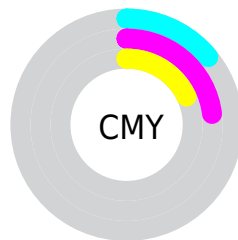
- Red (86%)
- Green (77%)
- Blue (82%)



- Red (86%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8125, 59.6457, 69.2804 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 60.8125, 59.6457, 69.2804 by changing the saturation by 10% instead.

60.8125, 59.6457,
69.2804

60.8125, 59.6457,
69.2804

417.3731,
423.2906, 476.7400

44.3258, 43.1331,
50.4669

105.1071,
104.3155, 119.8535

31.1258, 29.9896,
35.4108

133.6457,
133.2416, 152.4501

20.8469, 19.8307,
23.6934

166.9323,
167.0743, 190.4783

13.1240, 12.2720,
14.8962

205.3323,
206.1979, 234.3564

7.5916, 6.9292,
8.6008

249.2110,
250.9970, 284.5031

3.8843, 3.4179,
4.3885

298.9338,

1.6369, 1.3536,

301.8559, 341.3369

1.8408

354.8660,
359.1589, 405.2764

■ 0.4163, 0.1821,
0.4547

■ 0.0000, 0.0000,
0.0000

■ 60.8125, 59.6457,
69.2804

■ 60.8125, 59.6457,
69.2804

■ 55.1116, 49.9801,
62.0259

■ 67.3017, 70.7863,
77.1075

■ 50.1619, 41.7192,
55.3246

■ 74.6043, 83.4528,
85.5183

■ 45.9308, 34.7987,
49.1611

■ 80.2427, 92.6878,
93.6925

■ 42.3812, 29.1463,
43.5179

■ 81.5843, 93.2245,
100.7571

■ 39.4726, 24.6825,
38.3760

■ 82.9922, 93.7876,
108.1711

■ 37.1599, 21.3190,
33.7148

■ 83.0238, 93.8002,
108.3372

■ 35.3917, 18.9550,
29.5114

■ 34.1074, 17.4708,
25.7398

■ 33.2026, 16.6558,
22.3720

Harmonies

Analogous

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



59.4810, 59.6457, 74.8472



60.8125, 59.6457, 69.2804



61.0240, 59.6457, 62.8774

Triad

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



60.8125, 59.6457, 69.2804



55.9652, 59.6457, 53.5758



53.4592, 59.6457, 73.1269

Complementary

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



60.8125, 59.6457, 69.2804



59.5003, 66.9911, 68.1902

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.



52.5690, 59.6457, 67.0554



60.8125, 59.6457, 69.2804



53.9905, 59.6457, 55.9554

Square

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



60.8125, 59.6457, 69.2804



58.1860, 59.6457, 54.0852



52.7609, 59.6457, 60.7925



55.2227, 59.6457, 77.1669

Rectangle

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



60.8125, 59.6457, 69.2804



60.4958, 59.6457, 59.0302



52.7609, 59.6457, 60.7925



53.0501, 59.6457, 71.2402

Sweetspot

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



60.8142, 59.6483, 69.2817



92.1580, 95.0158, 105.4701



58.1528, 58.1431, 75.1764



19.5639, 20.0593, 22.3815



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.



60.8142, 59.6483, 69.2817



84.1025, 81.2263, 95.6283



59.5138, 59.1281, 62.4337



13.3772, 13.1800, 15.2477



19.7430, 9.8982, 13.5583



1.3214, 0.6582, 1.1016

Inverse Universe

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



60.8142, 59.6483, 69.2817



84.1025, 81.2263, 95.6283



60.8577, 67.5341, 75.3382



13.3772, 13.1800, 15.2477



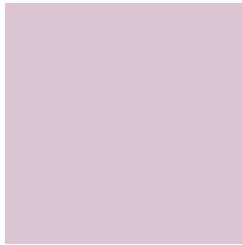
19.7430, 9.8982, 13.5583



1.3214, 0.6582, 1.1016

Previews

White Background



This preview shows how the XYZ color 60.8125, 59.6457, 69.2804 looks on a white background.

Color Contrast Check

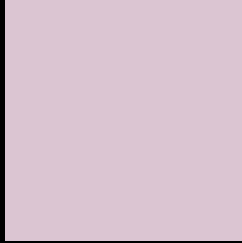
Large Text (above 18pt) WCAG AA × Fail

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 60.8125, 59.6457, 69.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

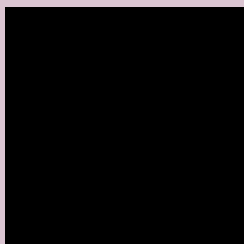
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8125, 59.6457, 69.2804

Background



This preview shows how black text looks on a background with the XYZ color 60.8125, 59.6457, 69.2804.



This preview shows how white text looks on a background with the XYZ color 60.8125, 59.6457,

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

60.8125, 59.6457, 69.2804

Protanopia

58.0326, 59.8825, 71.4506

Deuteranopia

60.8125, 59.6457, 69.2804



Tritanopia

61.0633, 59.7460, 70.6011

Trichromacy



Original Color

60.8125, 59.6457, 69.2804

Protanomaly

58.8324, 59.6173, 70.6938

Deuteranomaly

60.8125, 59.6457, 69.2804

Tritanomaly

60.9375, 59.6957, 69.9387

Monochromacy



Original Color

60.8125, 59.6457, 69.2804

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9614, 60.4477, 67.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8125, 59.6457, 69.2804 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, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 210)  
}
```

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, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.8125, 59.6457, 69.2804 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, 197, 210) }
```


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

```
.border{ border-color:rgb(219, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8125, 59.6457, 69.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 210) }
```

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

```
.background{ background-color: rgb(219,  
197, 210) }
```

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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