

Converting Colors

XYZ(63.8044, 64.0658, 70.1856)

Have a look what the booklet for
XYZ(63.8044, 64.0658, 70.1856)
contains.

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Color

**XYZ(63.5884, 63.8454,
69.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	DECDD2
RGB	222, 205, 210
RGB Percent	87%, 80%, 82%
CMY	0.1294, 0.1961, 0.1765
CMYK	0.00, 0.08, 0.05, 0.13
HSL	342°, 20%, 84%
HSV	342°, 8%, 87%
XYZ	63.5884, 63.8454, 69.9447
YIQ	210.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

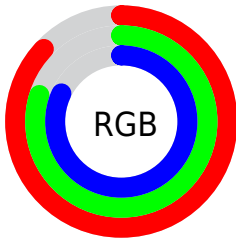
Format	Color
R _Y B	222, 205, 210
Decimal	14601682
CIE Lab	83.89, 6.76, -0.35
CIE LCh	84, 6.773, 357.016
Yxy	63.8454, 0.3222, 0.3235
Android (android.graphics.Color)	4292791762 (0xFFDECDD2)
YUV	210.6530, -0.3219, 9.9513
Hunter-Lab	79.9033, 2.2225, 4.0318

Details

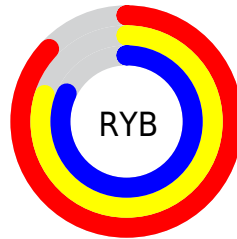
The XYZ color **63.5884, 63.8454, 69.9447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8250, 70.2331, 75.8415**, and the grayscale version is **61.6876, 64.9002, 70.6763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0037, 32.7490, 36.0342** is the 20% darker color. If you saturate the color by 10%, you get **56.7923, 53.2262, 58.5123**, and if you desaturate by 10%, it is **71.3329, 76.0536, 82.6385**.

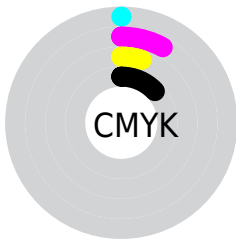
Distribution



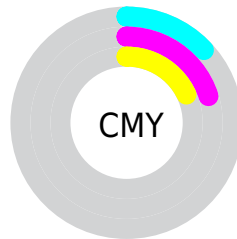
- Red (87%)
- Green (80%)
- Blue (82%)



- Red (87%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5884, 63.8454, 69.9447 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 63.5884, 63.8454, 69.9447 by changing the saturation by 10% instead.

63.5884, 63.8454,
69.9447

63.5884, 63.8454,
69.9447

427.3276,
438.6311, 479.1397

46.5778, 46.5255,
51.0049

109.0950,
110.3883, 120.8103

32.9086, 32.6607,
35.8358

138.3217,
140.3800, 153.5731

22.2153, 21.8666,
24.0187

172.3512,
175.3644, 191.7808

14.1327, 13.7589,
15.1352

211.5488,
215.7259, 235.8518

8.2953, 7.9532,
8.7666

256.2799,
261.8490, 286.2046

4.3379, 4.0650,
4.4945

306.9098,

1.8950, 1.7100,

314.1180, 343.2578

1.9004

363.8039,
372.9172, 407.4300

■ 0.5739, 0.4301,
0.4930

■ 0.0000, 0.0000,
0.0000

■ 63.5884, 63.8454,
69.9447

■ 63.5884, 63.8454,
69.9447

■ 56.7923, 53.2262,
58.5123

■ 71.3329, 76.0536,
82.6385

■ 50.9022, 44.1224,
48.2977

■ 80.0552, 89.9039,
96.6271

■ 45.8802, 36.4668,
39.2611

■ 83.9346, 94.2698,
108.3798

■ 41.6840, 30.1840,
31.3584

■ 38.2673, 25.1919,
24.5431

■ 35.5792, 21.3992,
18.7650

■ 33.5623, 18.7029,
13.9694

■ 32.1500, 16.9820,
10.0963

■ 31.2532, 16.0716,
7.0744

Harmonies

Analogous

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



63.1173, 63.8454, 74.0785



63.5884, 63.8454, 69.9447



63.2705, 63.8454, 65.8572

Triad

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



63.5884, 63.8454, 69.9447



59.3915, 63.8454, 62.4626



59.1373, 63.8454, 76.6264

Complementary

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



63.5884, 63.8454, 69.9447



63.8250, 70.2331, 75.8415

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.



58.1673, 63.8454, 73.3095



63.5884, 63.8454, 69.9447



58.3123, 63.8454, 65.1463

Square

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



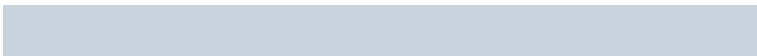
63.5884, 63.8454, 69.9447



60.8324, 63.8454, 61.6432



57.8677, 63.8454, 69.0906



60.5342, 63.8454, 78.0338

Rectangle

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



63.5884, 63.8454, 69.9447



62.6568, 63.8454, 63.6875



57.8677, 63.8454, 69.0906



58.7513, 63.8454, 75.6913

Sweetspot

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



63.5902, 63.8482, 69.9461



92.8701, 96.5593, 105.3401



63.6039, 63.6759, 78.0465



19.9009, 20.7037, 22.5845



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.



63.5902, 63.8482, 69.9461



85.6606, 85.2213, 93.4383



63.7993, 65.2471, 66.9923



13.8722, 13.7665, 15.0970



18.5068, 9.4697, 4.0685



1.3212, 0.6717, 0.4842

Inverse Universe

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



63.5902, 63.8482, 69.9461



85.6606, 85.2213, 93.4383



63.5911, 68.7095, 79.0188



13.8722, 13.7665, 15.0970



18.5068, 9.4697, 4.0685



1.3212, 0.6717, 0.4842

Previews

White Background



This preview shows how the XYZ color 63.5884, 63.8454, 69.9447 looks on a white background.

Color Contrast Check

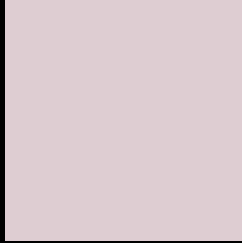
Large Text (above 18pt) WCAG AA × Fail

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 63.5884, 63.8454, 69.9447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

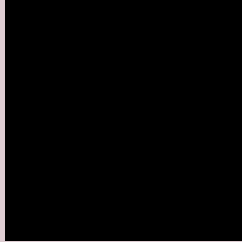
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5884, 63.8454, 69.9447

Background



This preview shows how black text looks on a background with the XYZ color 63.5884, 63.8454, 69.9447.

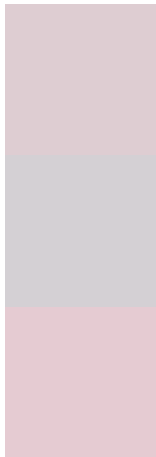


This preview shows how white text looks on a background with the XYZ color 63.5884, 63.8454,

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

63.5884, 63.8454, 69.9447

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

65.3019, 64.0230, 69.8887



Tritanopia

64.8105, 63.9882, 75.9529

Trichromacy



Original Color

63.5884, 63.8454, 69.9447

Protanomaly

62.3896, 63.9277, 70.6790

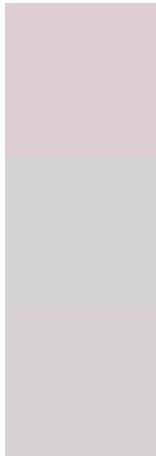
Deuteranomaly

64.5898, 64.0076, 69.9232

Tritanomaly

64.4190, 63.8316, 73.8912

Monochromacy



Original Color

63.5884, 63.8454, 69.9447

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5827, 64.7512, 70.8278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5884, 63.8454, 69.9447 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(222, 205, 210) looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 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(222, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 210) }
```

Border

The CSS property to change the border of an element to XYZ 63.5884, 63.8454, 69.9447 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(222, 205, 210) }
```


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

```
.border{ border-color:rgb(222, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5884, 63.8454, 69.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 210) }
```

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

```
.background{ background-color: rgb(222,  
205, 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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