

Converting Colors

XYZ(63.8278, 64.7699, 69.3656)

Have a look what the booklet for
XYZ(63.8278, 64.7699, 69.3656)
contains.

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Color

**XYZ(63.9456, 64.7587,
69.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	DECFD1
RGB	222, 207, 209
RGB Percent	87%, 81%, 82%
CMY	0.1294, 0.1882, 0.1804
CMYK	0.00, 0.07, 0.06, 0.13
HSL	352°, 19%, 84%
HSV	352°, 7%, 87%
XYZ	63.9456, 64.7587, 69.4510
YIQ	211.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

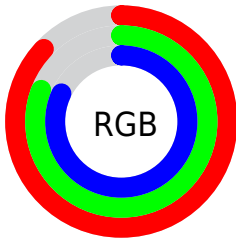
Format	Color
R _Y B	222, 207, 209
Decimal	14602193
CIE Lab	84.36, 5.54, 0.87
CIE LCh	84, 5.606, 8.944
Yxy	64.7587, 0.3227, 0.3268
Android (android.graphics.Color)	4292792273 (0xFFDECFD1)
YUV	211.7130, -1.3375, 9.0217
Hunter-Lab	80.4728, 1.0130, 5.1615

Details

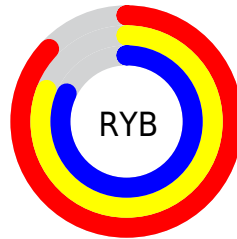
The XYZ color **63.9456, 64.7587, 69.4510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7741, 70.6768, 77.9415**, and the grayscale version is **62.3950, 65.6444, 71.4868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2440, 33.3645, 35.6982** is the 20% darker color. If you saturate the color by 10%, you get **56.7004, 53.8533, 55.9821**, and if you desaturate by 10%, it is **72.2385, 77.2973, 84.6908**.

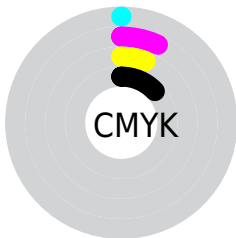
Distribution



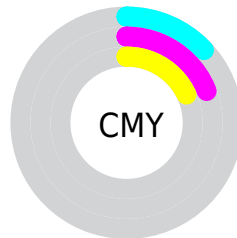
- Red (87%)
- Green (81%)
- Blue (82%)



- Red (87%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9456, 64.7587, 69.4510 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 63.9456, 64.7587, 69.4510 by changing the saturation by 10% instead.

63.9456, 64.7587,
69.4510

63.9456, 64.7587,
69.4510

428.5985,
441.9243, 477.3570

46.8681, 47.2654,
50.6051

109.6068,
111.7029, 120.0993

33.1389, 33.2455,
35.5199

138.9212,
141.9226, 152.7387

22.3926, 22.3146,
23.7768

173.0453,
177.1532, 190.8130

14.2639, 14.0883,
14.9575

212.3444,
217.7792, 234.7407

8.3874, 8.1821,
8.6433

257.1839,
264.1849, 284.9405

4.3977, 4.2117,
4.4156

307.9292,

1.9295, 1.7927,

316.7547, 341.8307

1.8560

364.9456,
375.8731, 405.8300

■ 0.5939, 0.4826,
0.4645

■ 0.0000, 0.0000,
0.0000

■ 63.9456, 64.7587,
69.4510

■ 63.9456, 64.7587,
69.4510

■ 56.7004, 53.8533,
55.9821

■ 72.2385, 77.2973,
84.6908

■ 50.4559, 44.5058,
44.2156

■ 81.6130, 91.5236,
101.7582

■ 45.1695, 36.6476,
34.0847

■ 83.9345, 94.2697,
108.3798

■ 40.7934, 30.2015,
25.5169

■ 37.2759, 25.0836,
18.4339

■ 34.5597, 21.2010,
12.7505

■ 32.5806, 18.4489,
8.3731

■ 31.2644, 16.7047,
5.1962

■ 30.5180, 15.8123,
3.0964

Harmonies

Analogous

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



63.8116, 64.7587, 73.0023



63.9456, 64.7587, 69.4510



63.4313, 64.7587, 66.2904

Triad

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



63.9456, 64.7587, 69.4510



60.0592, 64.7587, 65.3139



60.6954, 64.7587, 77.1026

Complementary

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



63.9456, 64.7587, 69.4510



64.7741, 70.6768, 77.9415

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.



59.7086, 64.7587, 74.9075



63.9456, 64.7587, 69.4510



59.3448, 64.7587, 68.0774

Square

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



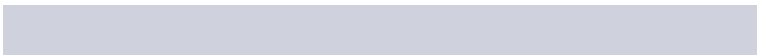
63.9456, 64.7587, 69.4510



61.1799, 64.7587, 63.9553



59.2173, 64.7587, 71.5822



61.9240, 64.7587, 77.5005

Rectangle

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



63.9456, 64.7587, 69.4510



62.7940, 64.7587, 64.8014



59.2173, 64.7587, 71.5822



60.3249, 64.7587, 76.5470

Sweetspot

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



63.9474, 64.7615, 69.4524



92.7408, 96.5076, 104.6590



65.0147, 65.1181, 78.2503



19.8745, 20.6932, 22.4458



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.



63.9474, 64.7615, 69.4524



86.1661, 86.5807, 92.5330



65.0572, 67.3742, 68.6106



13.7811, 13.7301, 14.6177



18.0521, 9.2878, 1.6742



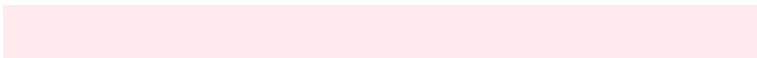
1.2756, 0.6535, 0.2441

Inverse Universe

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



63.9474, 64.7615, 69.4524



86.1661, 86.5807, 92.5330



63.6034, 67.9098, 78.8635



13.7811, 13.7301, 14.6177



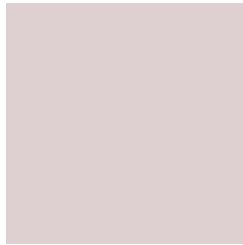
18.0521, 9.2878, 1.6742



1.2756, 0.6535, 0.2441

Previews

White Background



This preview shows how the XYZ color 63.9456, 64.7587, 69.4510 looks on a white background.

Color Contrast Check

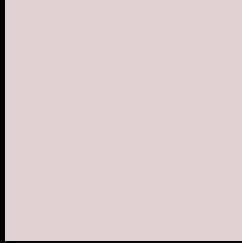
Large Text (above 18pt) WCAG AA × Fail

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 63.9456, 64.7587, 69.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

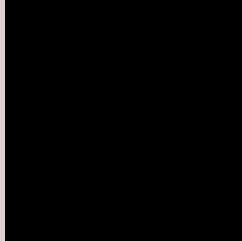
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

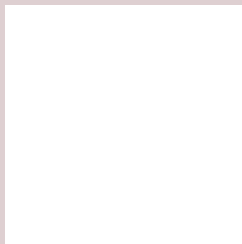
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9456, 64.7587, 69.4510

Background



This preview shows how black text looks on a background with the XYZ color 63.9456, 64.7587, 69.4510.



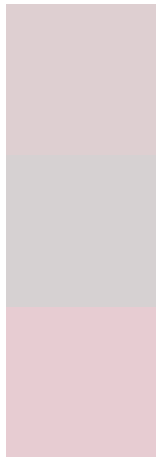
This preview shows how white text looks on a background with the XYZ color 63.9456, 64.7587,

69.4510.

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

63.9456, 64.7587, 69.4510

Protanopia

62.1649, 64.5502, 70.1558

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

65.6229, 64.7304, 77.4421

Trichromacy



Original Color

63.9456, 64.7587, 69.4510

Protanomaly

62.8040, 64.5166, 70.1156

Deuteranomaly

65.4591, 64.8098, 70.0322

Tritanomaly

65.0271, 64.8403, 74.7338

Monochromacy



Original Color

63.9456, 64.7587, 69.4510

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.1234, 65.3953, 70.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9456, 64.7587, 69.4510 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, 207, 209) looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 209)  
}
```

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, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 209) }
```

Border

The CSS property to change the border of an element to XYZ 63.9456, 64.7587, 69.4510 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, 207, 209) }
```


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

```
.border{ border-color:rgb(222, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9456, 64.7587, 69.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 209) }
```

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

```
.background{ background-color: rgb(222,  
207, 209) }
```

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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