

Converting Colors

XYZ(62.6366, 64.1684, 69.2093)

Have a look what the booklet for
XYZ(62.6366, 64.1684, 69.2093)
contains.

XYZ(62.7349, 64.1345, 69.3943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.7349, 64.1345,
69.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	DACFD1
RGB	218, 207, 209
RGB Percent	85%, 81%, 82%
CMY	0.1451, 0.1882, 0.1804
CMYK	0.00, 0.05, 0.04, 0.15
HSL	349°, 13%, 83%
HSV	349°, 5%, 85%
XYZ	62.7349, 64.1345, 69.3943
YIQ	210.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

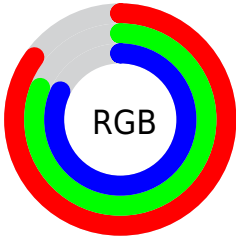
Format	Color
R _Y B	218, 207, 209
Decimal	14340049
CIE Lab	84.04, 4.15, 0.36
CIE LCh	84, 4.165, 4.968
Yxy	64.1345, 0.3196, 0.3268
Android (android.graphics.Color)	4292530129 (0xFFDACFD1)
YUV	210.5170, -0.7479, 6.5626
Hunter-Lab	80.0840, -0.3166, 4.6829

Details

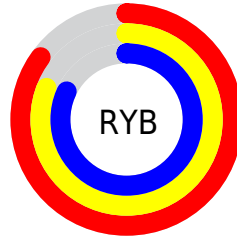
The XYZ color **62.7349, 64.1345, 69.3943** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2006, 68.3678, 74.8344**, and the grayscale version is **61.6020, 64.8101, 70.5782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4119, 32.9356, 35.6593** is the 20% darker color. If you saturate the color by 10%, you get **55.7272, 53.4580, 56.7633**, and if you desaturate by 10%, it is **70.7229, 76.3740, 83.5743**.

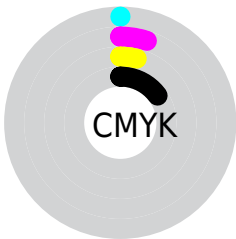
Distribution



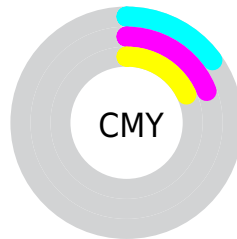
- Red (85%)
- Green (81%)
- Blue (82%)



- Red (85%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7349, 64.1345, 69.3943 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 62.7349, 64.1345, 69.3943 by changing the saturation by 10% instead.

■ 62.7349, 64.1345,
69.3943

■ 62.7349, 64.1345,
69.3943

424.2817,
439.6752, 477.1520

■ 45.8846, 46.7596,
50.5591

107.8709,
110.8046, 120.0176

■ 32.3590, 32.8457,
35.4836

136.8874,
140.8686, 152.6428

■ 21.7927, 22.0082,
23.7491

170.6899,
175.9312, 190.7018

■ 13.8204, 13.8630,
14.9371

209.6440,
216.3766, 234.6130

■ 8.0767, 8.0254,
8.6291

254.1148,
262.5893, 284.7951

■ 4.1963, 4.1112,
4.4066

304.4678,

■ 1.8138, 1.7360,

314.9537, 341.6666

1.8509

361.0683,
373.8542, 405.6461

■ 0.5260, 0.4468,
0.4612

■ 0.0000, 0.0000,
0.0000

■ 62.7349, 64.1345,
69.3943

■ 62.7349, 64.1345,
69.3943

■ 55.7272, 53.4580,
56.7633

■ 70.7229, 76.3740,
83.5743

■ 49.6565, 44.2734,
45.6244

■ 79.7214, 90.2271,
99.3491

■ 44.4844, 36.5167,
35.9234

■ 82.7238, 93.6456,
108.3231

■ 40.1677, 30.1159,
27.6011

■ 36.6593, 24.9928,
20.5942

■ 33.9080, 21.0610,
14.8346

■ 31.8562, 18.2235,
10.2474

■ 30.4379, 16.3679,
6.7499

■ 29.5735, 15.3574,
4.2475

Harmonies

Analogous

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



62.5727, 64.1345, 71.9943



62.7349, 64.1345, 69.3943



62.4171, 64.1345, 66.9718

Triad

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



62.7349, 64.1345, 69.3943



59.9510, 64.1345, 65.7670



60.2135, 64.1345, 74.5169

Complementary

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



62.7349, 64.1345, 69.3943



63.2006, 68.3678, 74.8344

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.



59.5217, 64.1345, 72.7716



62.7349, 64.1345, 69.3943



59.3712, 64.1345, 67.7126

Square

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



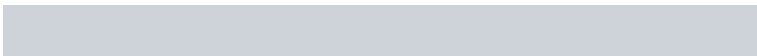
62.7349, 64.1345, 69.3943



60.8050, 64.1345, 64.9114



59.2148, 64.1345, 70.2707



61.1110, 64.1345, 74.9943

Rectangle

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



62.7349, 64.1345, 69.3943



61.9776, 64.1345, 65.7701



59.2148, 64.1345, 70.2707



59.9494, 64.1345, 74.0569

Sweetspot

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



62.7367, 64.1373, 69.3957



92.7797, 96.5231, 104.8638



63.2837, 64.2869, 75.4038



19.8825, 20.6963, 22.4875



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.



62.7367, 64.1373, 69.3957



88.4107, 89.8432, 97.0627



63.3440, 65.7450, 68.3862



13.6025, 13.7770, 14.8713



17.5759, 9.0314, 2.1466



1.1679, 0.5968, 0.2929

Inverse Universe

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



62.7367, 64.1373, 69.3957



88.4107, 89.8432, 97.0627



62.5668, 66.6845, 75.9044



13.6025, 13.7770, 14.8713



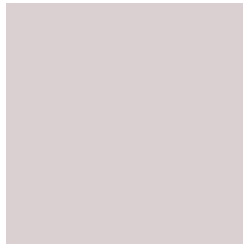
17.5759, 9.0314, 2.1466



1.1679, 0.5968, 0.2929

Previews

White Background



This preview shows how the XYZ color 62.7349, 64.1345, 69.3943 looks on a white background.

Color Contrast Check

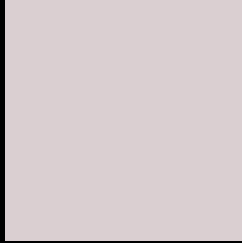
Large Text (above 18pt) WCAG AA × Fail

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 62.7349, 64.1345, 69.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

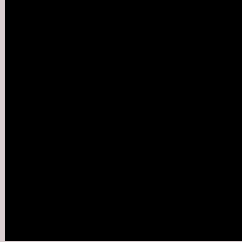
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

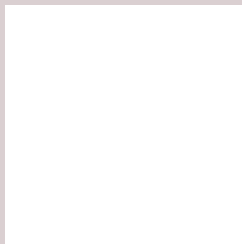
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7349, 64.1345, 69.3943

Background



This preview shows how black text looks on a background with the XYZ color 62.7349, 64.1345, 69.3943.

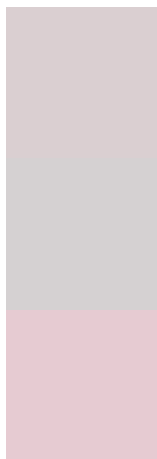


This preview shows how white text looks on a background with the XYZ color 62.7349, 64.1345,

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

62.7349, 64.1345, 69.3943

Protanopia

61.8739, 64.4002, 70.1421

Deuteranopia

65.6219, 64.1880, 69.9036



Tritanopia

64.3977, 64.0987, 77.3848

Trichromacy



Original Color

62.7349, 64.1345, 69.3943

Protanomaly

62.2131, 64.2120, 70.0879

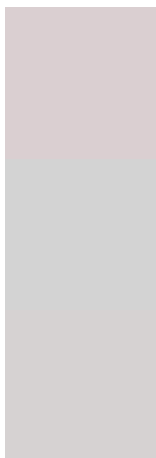
Deuteranomaly

64.5898, 64.0076, 69.9232

Tritanomaly

63.8091, 64.2124, 74.6768

Monochromacy



Original Color

62.7349, 64.1345, 69.3943

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4110, 65.0425, 70.2378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7349, 64.1345, 69.3943 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(218, 207, 209) looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.7349, 64.1345, 69.3943 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(218, 207, 209) }
```


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

```
.border{ border-color:rgb(218, 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(218, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7349, 64.1345, 69.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 209) }
```

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

```
.background{ background-color: rgb(218,  
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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