

Converting Colors

XYZ(63.3250, 64.3381, 74.0500)

Have a look what the booklet for
XYZ(63.3250, 64.3381, 74.0500)
contains.

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Color

**XYZ(63.3228, 64.3352,
74.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CFD8
RGB	217, 207, 216
RGB Percent	85%, 81%, 85%
CMY	0.1490, 0.1882, 0.1529
CMYK	0.00, 0.05, 0.00, 0.15
HSL	306°, 12%, 83%
HSV	306°, 5%, 85%
XYZ	63.3228, 64.3352, 74.0462
YIQ	211.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

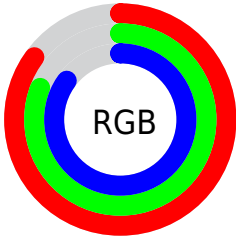
Format	Color
R _Y B	217, 207, 216
Decimal	14274520
CIE Lab	84.14, 5.06, -3.22
CIE LCh	84, 5.996, 327.488
Yxy	64.3352, 0.3139, 0.3190
Android (android.graphics.Color)	4292464600 (0xFFD9CFD8)
YUV	211.0160, 2.4571, 5.2480
Hunter-Lab	80.2092, 0.5543, 1.4121

Details

The XYZ color **63.3228, 64.3352, 74.0462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9326, 67.4470, 69.4323**, and the grayscale version is **61.9119, 65.1361, 70.9332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7245, 33.0371, 38.3702** is the 20% darker color. If you saturate the color by 10%, you get **58.1445, 54.4239, 70.9450**, and if you desaturate by 10%, it is **69.2311, 75.6986, 77.4106**.

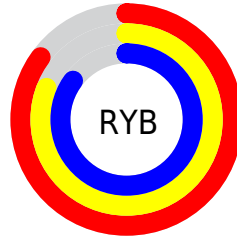
Distribution



Red (85%)

Green (81%)

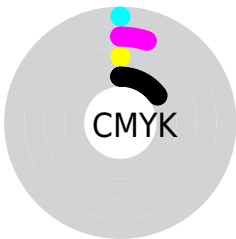
Blue (85%)



Red (85%)

Yellow (81%)

Blue (85%)

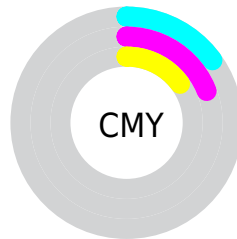


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3228, 64.3352, 74.0462 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 63.3228, 64.3352, 74.0462 by changing the saturation by 10% instead.

■ 63.3228, 64.3352,
74.0462

■ 63.3228, 64.3352,
74.0462

426.3811,
440.3991, 493.8005

■ 46.3620, 46.9222,
54.3348

108.7143,
111.0935, 126.6959

■ 32.7374, 32.9742,
38.4744

137.8757,
141.2077, 160.4714

■ 22.0836, 22.1067,
26.0464

171.8347,
176.3243, 199.7720

■ 14.0353, 13.9353,
16.6323

210.9567,
216.8279, 245.0162

■ 8.2271, 8.0757,
9.8135

255.6069,
263.1028, 296.6226

■ 4.2936, 4.1434,
5.1715

306.1509,

■ 1.8696, 1.7541,

315.5333, 355.0098

2.2877

362.9538,
374.5040, 420.5962

■ 0.5591, 0.4583,
0.7243

■ 0.0000, 0.0000,
0.0000

■ 63.3228, 64.3352,
74.0462

■ 63.3228, 64.3352,
74.0462

■ 58.1445, 54.4239,
70.9450

■ 69.2311, 75.6986,
77.4106

■ 53.6612, 45.8979,
68.0929

■ 75.8913, 88.5609,
81.0433

■ 49.8437, 38.6972,
65.4808

■ 77.6298, 91.5736,
83.0538

■ 46.6580, 32.7546,
63.0975

■ 77.9236, 91.6911,
84.6013

44.0677, 27.9968,
60.9307

78.2213, 91.8102,
86.1686

42.0323, 24.3429,
58.9668

78.5227, 91.9307,
87.7558

40.5063, 21.7020,
57.1906

78.8279, 92.0528,
89.3630

39.4369, 19.9686,
55.5844

79.1369, 92.1764,
90.9903

38.7599, 19.0143,
54.1267

79.4497, 92.3016,
92.6377

Harmonies

Analogous

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



62.3324, 64.3352, 76.7256



63.3228, 64.3352, 74.0462



63.7299, 64.3352, 70.3704

Triad

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



63.3228, 64.3352, 74.0462



61.2604, 64.3352, 63.0092



58.9159, 64.3352, 73.4728

Complementary

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



63.3228, 64.3352, 74.0462



61.9326, 67.4470, 69.4323

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.



58.6381, 64.3352, 69.7307



63.3228, 64.3352, 74.0462



59.9800, 64.3352, 63.7735

Square

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



63.3228, 64.3352, 74.0462



62.5285, 64.3352, 64.0744



59.0249, 64.3352, 66.2004



59.7893, 64.3352, 76.3862

Rectangle

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



63.3228, 64.3352, 74.0462



63.6115, 64.3352, 67.8798



59.0249, 64.3352, 66.2004



58.7503, 64.3352, 72.2661

Sweetspot

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



63.3246, 64.3380, 74.0476



94.2008, 98.3674, 108.4144



60.8524, 63.0485, 74.6091



20.1718, 21.0719, 23.2103



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.



63.3246, 64.3380, 74.0476



90.1163, 90.5255, 106.0443



62.6881, 64.0834, 70.6957



13.8898, 13.8919, 16.3841



23.3272, 11.3319, 32.4325



1.5278, 0.7408, 2.1885

Inverse Universe

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



63.3246, 64.3380, 74.0476



90.1163, 90.5255, 106.0443



62.5574, 67.6969, 72.7225



13.8898, 13.8919, 16.3841



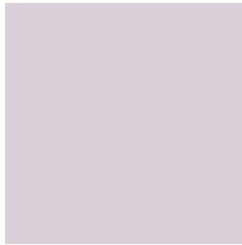
23.3272, 11.3319, 32.4325



1.5278, 0.7408, 2.1885

Previews

White Background



This preview shows how the XYZ color 63.3228, 64.3352, 74.0462 looks on a white background.

Color Contrast Check

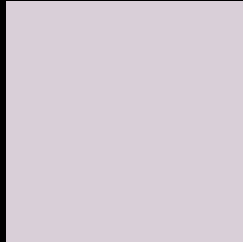
Large Text (above 18pt) WCAG AA × Fail

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 63.3228, 64.3352, 74.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

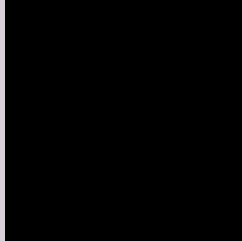
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3228, 64.3352, 74.0462

Background



This preview shows how black text looks on a background with the XYZ color 63.3228, 64.3352, 74.0462.

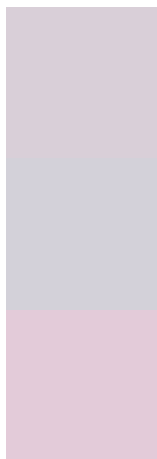


This preview shows how white text looks on a background with the XYZ color 63.3228, 64.3352,

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

63.3228, 64.3352, 74.0462

Protanopia

62.1888, 64.4596, 74.8099

Deuteranopia

65.5589, 64.0525, 74.5537



Tritanopia

64.1696, 64.3220, 78.1405

Trichromacy



Original Color

63.3228, 64.3352, 74.0462

Protanomaly

62.5208, 64.2676, 74.7553

Deuteranomaly

64.5487, 63.8835, 74.5743

Tritanomaly

63.9030, 64.2153, 76.7369

Monochromacy



Original Color

63.3228, 64.3352, 74.0462

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4974, 65.0434, 72.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3228, 64.3352, 74.0462 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(217, 207, 216) looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 216)  
}
```

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(217, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.3228, 64.3352, 74.0462 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(217, 207, 216) }
```


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

```
.border{ border-color:rgb(217, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3228, 64.3352, 74.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 216) }
```

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

```
.background{ background-color: rgb(217,  
207, 216) }
```

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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