

Converting Colors

XYZ(64.4564, 65.2121, 74.2719)

Have a look what the booklet for
XYZ(64.4564, 65.2121, 74.2719)
contains.

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Color

**XYZ(64.4657, 65.2853,
74.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD0D8
RGB	220, 208, 216
RGB Percent	86%, 82%, 85%
CMY	0.1373, 0.1843, 0.1529
CMYK	0.00, 0.05, 0.02, 0.14
HSL	320°, 15%, 84%
HSV	320°, 5%, 86%
XYZ	64.4657, 65.2853, 74.1694
YIQ	212.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

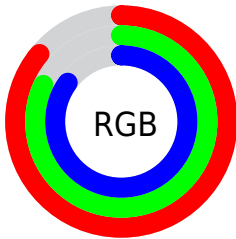
Format	Color
R _Y B	220, 208, 216
Decimal	14471384
CIE Lab	84.63, 5.55, -2.47
CIE LCh	85, 6.080, 335.984
Yxy	65.2853, 0.3161, 0.3202
Android (android.graphics.Color)	4292661464 (0xFFDCD0D8)
YUV	212.5000, 1.7255, 6.5775
Hunter-Lab	80.7993, 1.0173, 2.1345

Details

The XYZ color **64.4657, 65.2853, 74.1694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4917, 69.3513, 72.3304**, and the grayscale version is **62.9004, 66.1761, 72.0658**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5057, 33.6837, 38.4539** is the 20% darker color. If you saturate the color by 10%, you get **58.5429, 54.9228, 67.6208**, and if you desaturate by 10%, it is **71.1786, 77.1584, 81.1918**.

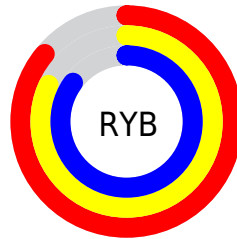
Distribution



Red (86%)

Green (82%)

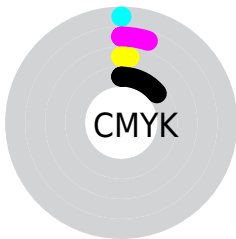
Blue (85%)



Red (86%)

Yellow (82%)

Blue (85%)

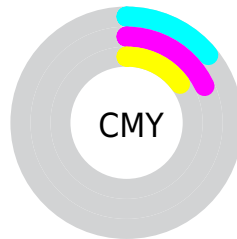


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4657, 65.2853, 74.1694 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 64.4657, 65.2853, 74.1694 by changing the saturation by 10% instead.

■ 64.4657, 65.2853,
74.1694

■ 64.4657, 65.2853,
74.1694

430.4451,
443.8165, 494.2369

■ 47.2911, 47.6925,
54.4351

110.3513,
112.4599, 126.8722

■ 33.4747, 33.5834,
38.5541

139.7930,
142.8105, 160.6777

■ 22.6513, 22.5737,
26.1078

174.0545,
178.1825, 200.0107

■ 14.4555, 14.2791,
16.6778

213.5010,
218.9602, 245.2897

■ 8.5220, 8.3150,
9.8455

258.4980,
265.5280, 296.9333

■ 4.4853, 4.2972,
5.1924

309.4107,

■ 1.9802, 1.8412,

318.2704, 355.3600

2.2999

366.6046,
377.5718, 420.9883

■ 0.6228, 0.5126,
0.7312

■ 0.0000, 0.0000,
0.0000

■ 64.4657, 65.2853,
74.1694

■ 64.4657, 65.2853,
74.1694

■ 58.5429, 54.9228,
67.6208

■ 71.1786, 77.1584,
81.1918

■ 53.3735, 46.0012,
61.5288

■ 78.7052, 90.5911,
88.6962

■ 48.9264, 38.4582,
55.8809

■ 80.7092, 92.9093,
94.5739

■ 45.1659, 32.2233,
50.6626

■ 81.8093, 93.3493,
100.3669

■ 42.0533, 27.2199,
45.8581

■ 82.9538, 93.8071,
106.3939

■ 39.5457, 23.3635,
41.4501

■ 83.3255, 93.9558,
108.3513

■ 37.5951, 20.5586,
37.4196

■ 36.1453, 18.6943,
33.7449

■ 35.1279, 17.6345,
30.4000

Harmonies

Analogous

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



63.5975, 65.2853, 77.3043



64.4657, 65.2853, 74.1694



64.6830, 65.2853, 70.3084

Triad

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



64.4657, 65.2853, 74.1694



61.7801, 65.2853, 63.9087



59.9643, 65.2853, 75.5662

Complementary

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



64.4657, 65.2853, 74.1694



63.4917, 69.3513, 72.3304

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.



59.4927, 65.2853, 71.8665



64.4657, 65.2853, 74.1694



60.5312, 65.2853, 65.2078

Square

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



64.4657, 65.2853, 74.1694



63.1197, 65.2853, 64.4750



59.6988, 65.2853, 68.0865



60.9959, 65.2853, 78.1311

Rectangle

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



64.4657, 65.2853, 74.1694



64.4268, 65.2853, 67.8607



59.6988, 65.2853, 68.0865



59.7357, 65.2853, 74.4090

Sweetspot

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



64.4676, 65.2881, 74.1708



93.1719, 96.6800, 106.9293



62.6281, 64.2794, 76.8172



19.9623, 20.7283, 22.9080



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.



64.4676, 65.2881, 74.1708



88.6741, 88.7579, 102.1205



63.7061, 64.9836, 70.1612



13.6682, 13.6320, 15.7451



20.4505, 10.1812, 17.2842



1.3642, 0.6753, 1.3270

Inverse Universe

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



64.4676, 65.2881, 74.1708



88.6741, 88.7579, 102.1205



64.2625, 69.6597, 76.3895



13.6682, 13.6320, 15.7451



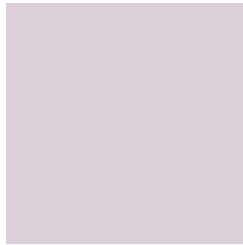
20.4505, 10.1812, 17.2842



1.3642, 0.6753, 1.3270

Previews

White Background



This preview shows how the XYZ color 64.4657, 65.2853, 74.1694 looks on a white background.

Color Contrast Check

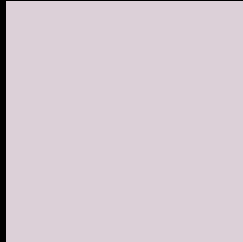
Large Text (above 18pt) WCAG AA × Fail

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 64.4657, 65.2853, 74.1694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

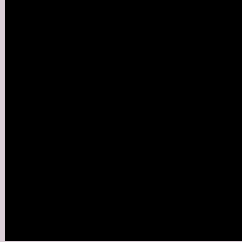
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4657, 65.2853, 74.1694

Background



This preview shows how black text looks on a background with the XYZ color 64.4657, 65.2853, 74.1694.



This preview shows how white text looks on a background with the XYZ color 64.4657, 65.2853,

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

64.4657, 65.2853, 74.1694

Protanopia

63.0116, 65.2491, 74.9189

Deuteranopia

66.6688, 65.3304, 74.7418



Tritanopia

65.4509, 65.3255, 78.9715

Trichromacy



Original Color

64.4657, 65.2853, 74.1694

Protanomaly

63.6438, 65.2096, 74.8780

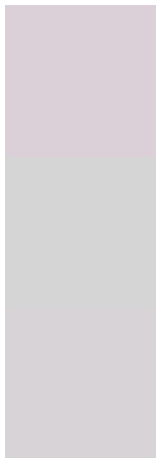
Deuteranomaly

65.9597, 65.3211, 74.7774

Tritanomaly

65.0499, 65.1651, 76.8598

Monochromacy



Original Color

64.4657, 65.2853, 74.1694

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7508, 66.0425, 73.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4657, 65.2853, 74.1694 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(220, 208, 216) looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 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(220, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.4657, 65.2853, 74.1694 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(220, 208, 216) }
```


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

```
.border{ border-color:rgb(220, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4657, 65.2853, 74.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 216) }
```

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

```
.background{ background-color: rgb(220,  
208, 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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