

Converting Colors

XYZ(64.3999, 65.9780, 74.5246)

Have a look what the booklet for
XYZ(64.3999, 65.9780, 74.5246)
contains.

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Color

**XYZ(64.3547, 65.9565,
74.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D8
RGB	218, 210, 216
RGB Percent	85%, 82%, 85%
CMY	0.1451, 0.1765, 0.1529
CMYK	0.00, 0.04, 0.01, 0.15
HSL	315°, 10%, 84%
HSV	315°, 4%, 85%
XYZ	64.3547, 65.9565, 74.3048
YIQ	213.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

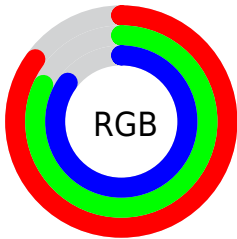
Format	Color
R _Y B	218, 210, 216
Decimal	14340824
CIE Lab	84.97, 3.82, -1.99
CIE LCh	85, 4.306, 332.495
Yxy	65.9565, 0.3145, 0.3223
Android (android.graphics.Color)	4292530904 (0xFFDAD2D8)
YUV	213.0760, 1.4415, 4.3183
Hunter-Lab	81.2136, -0.6781, 2.6033

Details

The XYZ color **64.3547, 65.9565, 74.3048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5359, 68.5996, 72.1830**, and the grayscale version is **63.2876, 66.5835, 72.5094**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4257, 34.1367, 38.5455** is the 20% darker color. If you saturate the color by 10%, you get **58.6423, 55.6403, 68.9811**, and if you desaturate by 10%, it is **70.8274, 77.7540, 79.9990**.

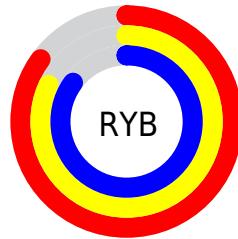
Distribution



Red (85%)

Green (82%)

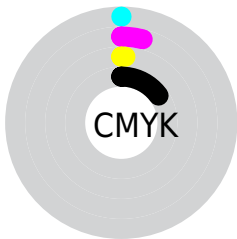
Blue (85%)



Red (85%)

Yellow (82%)

Blue (85%)

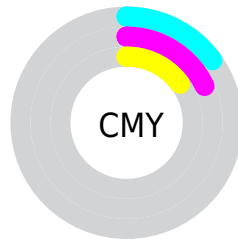


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3547, 65.9565, 74.3048 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 64.3547, 65.9565, 74.3048 by changing the saturation by 10% instead.

■ 64.3547, 65.9565,
74.3048

■ 64.3547, 65.9565,
74.3048

430.0514,
446.2213, 494.7162

■ 47.2008, 48.2371,
54.5452

110.1925,
113.4239, 127.0658

■ 33.4030, 34.0147,
38.6416

139.6071,
143.9407, 160.9044

■ 22.5961, 22.9049,
26.1754

173.8392,
179.4920, 200.2730

■ 14.4146, 14.5233,
16.7279

213.2543,
220.4624, 245.5902

■ 8.4932, 8.4855,
9.8808

258.2177,
267.2361, 297.2746

■ 4.4666, 4.4072,
5.2154

309.0948,

■ 1.9693, 1.9038,

320.1975, 355.7447

2.3133

366.2509,
379.7311, 421.4191

■ 0.6166, 0.5507,
0.7386

■ 0.0000, 0.0000,
0.0000

■ 64.3547, 65.9565,
74.3048

■ 64.3547, 65.9565,
74.3048

■ 58.6423, 55.6403,
68.9811

■ 70.8274, 77.7540,
79.9990

■ 53.6550, 46.7380,
64.0125

■ 78.0827, 91.0800,
86.0697

■ 49.3628, 39.1894,
59.3889

■ 79.2902, 92.2722,
90.2421

■ 45.7319, 32.9268,
55.0977

■ 80.0786, 92.5875,
94.3934

42.7251, 27.8767,
51.1255

80.8912, 92.9126,
98.6725

40.3019, 23.9581,
47.4575

81.7282, 93.2474,
103.0803

38.4165, 21.0798,
44.0773

82.5900, 93.5921,
107.6182

37.0161, 19.1369,
40.9662

82.7238, 93.6456,
108.3231

36.0370, 18.0020,
38.1015

Harmonies

Analogous

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



63.6947, 65.9565, 76.4047



64.3547, 65.9565, 74.3048



64.5672, 65.9565, 71.5836

Triad

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



64.3547, 65.9565, 74.3048



62.6087, 65.9565, 66.6217



61.1333, 65.9565, 74.7167

Complementary

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



64.3547, 65.9565, 74.3048



63.5359, 68.5996, 72.1830

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.



60.8489, 65.9565, 72.0477



64.3547, 65.9565, 74.3048



61.6953, 65.9565, 67.4137

Square

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



64.3547, 65.9565, 74.3048



63.5530, 65.9565, 67.1915



61.0536, 65.9565, 69.3823



61.8342, 65.9565, 76.6468

Rectangle

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



64.3547, 65.9565, 74.3048



64.4247, 65.9565, 69.7956



61.0536, 65.9565, 69.3823



60.9861, 65.9565, 73.8738

Sweetspot

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



64.3566, 65.9593, 74.3062



94.1394, 98.3428, 108.0907



62.8555, 65.1555, 75.5940



20.1593, 21.0669, 23.1444



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.



64.3566, 65.9593, 74.3062



91.4739, 93.5006, 105.6952



63.8459, 65.7551, 71.6171



14.0758, 14.3156, 16.2866



21.3536, 10.5425, 22.0401



1.4171, 0.6965, 1.6051

Inverse Universe

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



64.3566, 65.9593, 74.3062



91.4739, 93.5006, 105.6952



64.0465, 68.8039, 74.8722



14.0758, 14.3156, 16.2866



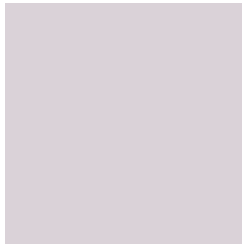
21.3536, 10.5425, 22.0401



1.4171, 0.6965, 1.6051

Previews

White Background



This preview shows how the XYZ color 64.3547, 65.9565, 74.3048 looks on a white background.

Color Contrast Check

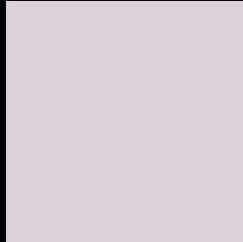
Large Text (above 18pt) WCAG AA × Fail

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 64.3547, 65.9565, 74.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

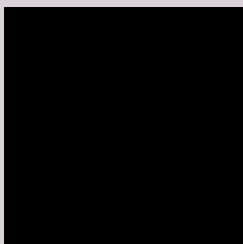
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

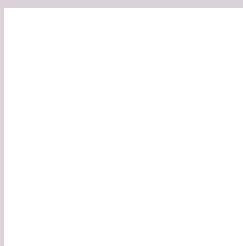
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3547, 65.9565, 74.3048

Background



This preview shows how black text looks on a background with the XYZ color 64.3547, 65.9565, 74.3048.

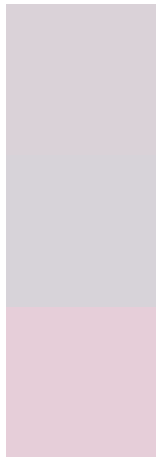


This preview shows how white text looks on a background with the XYZ color 64.3547, 65.9565,

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

64.3547, 65.9565, 74.3048

Protanopia

63.8430, 66.0454, 75.0288

Deuteranopia

67.2288, 65.9754, 74.8368



Tritanopia

65.6045, 66.0972, 80.5345

Trichromacy



Original Color

64.3547, 65.9565, 74.3048

Protanomaly

64.1376, 66.1972, 75.0426

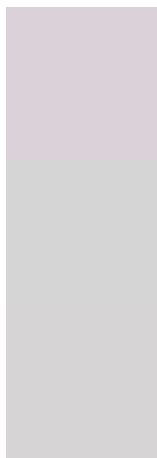
Deuteranomaly

66.2012, 65.8042, 74.8579

Tritanomaly

65.1987, 65.9349, 78.3976

Monochromacy



Original Color

64.3547, 65.9565, 74.3048

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7054, 66.3891, 73.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3547, 65.9565, 74.3048 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, 210, 216) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 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(218, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.3547, 65.9565, 74.3048 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, 210, 216) }
```


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

```
.border{ border-color:rgb(218, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3547, 65.9565, 74.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 216) }
```

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

```
.background{ background-color: rgb(218,  
210, 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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