

Converting Colors

XYZ(65.3524, 67.5221, 74.3041)

Have a look what the booklet for
XYZ(65.3524, 67.5221, 74.3041)
contains.

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Color

**XYZ(65.4023, 67.6064,
74.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D8
RGB	219, 213, 216
RGB Percent	86%, 84%, 85%
CMY	0.1412, 0.1647, 0.1529
CMYK	0.00, 0.03, 0.01, 0.14
HSL	330°, 8%, 85%
HSV	330°, 3%, 86%
XYZ	65.4023, 67.6064, 74.5680
YIQ	215.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

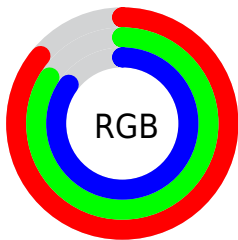
Format	Color
R _Y B	219, 213, 216
Decimal	14407128
CIE Lab	85.81, 2.59, -0.76
CIE LCh	86, 2.698, 343.713
Yxy	67.6064, 0.3151, 0.3257
Android (android.graphics.Color)	4292597208 (0xFFD8D5D8)
YUV	215.1360, 0.4260, 3.3887
Hunter-Lab	82.2231, -1.9071, 3.7862

Details

The XYZ color **65.4023, 67.6064, 74.5680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1693, 69.7688, 75.0011**, and the grayscale version is **64.6810, 68.0494, 74.1058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9697, 34.9194, 38.6679** is the 20% darker color. If you saturate the color by 10%, you get **58.8924, 56.7777, 65.6413**, and if you desaturate by 10%, it is **72.7544, 79.9665, 84.2432**.

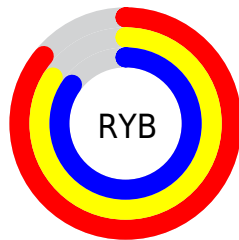
Distribution



Red (86%)

Green (84%)

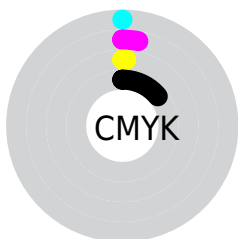
Blue (85%)



Red (86%)

Yellow (84%)

Blue (85%)

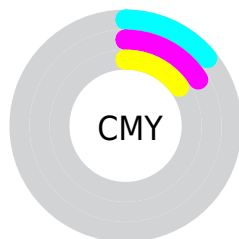


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4023, 67.6064, 74.5680 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 65.4023, 67.6064, 74.5680 by changing the saturation by 10% instead.

■ 65.4023, 67.6064,
74.5680

■ 65.4023, 67.6064,
74.5680

433.7587,
452.1002, 495.6472

■ 48.0533, 49.5776,
54.7595

111.6905,
115.7889, 127.4421

■ 34.0805, 35.0779,
38.8119

141.3605,
146.7114, 161.3448

■ 23.1186, 23.7229,
26.3067

175.8681,
182.7005, 200.7826

■ 14.8023, 15.1282,
16.8254

215.5787,
224.1407, 246.1740

■ 8.7662, 8.9094,
9.9494

260.8577,
271.4164, 297.9376

■ 4.6449, 4.6821,
5.2603

312.0705,

■ 2.0730, 2.0620,

324.9120, 356.4920

2.3394

369.5823,
385.0118, 422.2557

■ 0.6745, 0.6431,
0.7532

■ 0.0000, 0.0000,
0.0000

■ 65.4023, 67.6064,
74.5680

■ 65.4023, 67.6064,
74.5680

■ 58.8924, 56.7777,
65.6413

■ 72.7544, 79.9665,
84.2432

■ 53.1875, 47.4115,
57.4390

■ 80.3939, 92.7483,
94.4881

■ 48.2560, 39.4470,
49.9424

■ 82.0526, 93.4118,
103.2228

■ 44.0620, 32.8155,
43.1297

■ 83.0238, 93.8003,
108.3372

■ 40.5667, 27.4424,
36.9782

■ 37.7275, 23.2458,
31.4634

■ 35.4968, 20.1341,
26.5587

■ 33.8200, 18.0017,
22.2349

■ 32.6317, 16.7216,
18.4586

Harmonies

Analogous

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



65.0804, 67.6064, 76.0929



65.4023, 67.6064, 74.5680



65.4162, 67.6064, 72.8101

Triad

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



65.4023, 67.6064, 74.5680



63.9773, 67.6064, 70.3631



63.4049, 67.6064, 75.9827

Complementary

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



65.4023, 67.6064, 74.5680



65.1693, 69.7688, 75.0011

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.



63.1132, 67.6064, 74.4195



65.4023, 67.6064, 74.5680



63.4422, 67.6064, 71.1854

Square

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



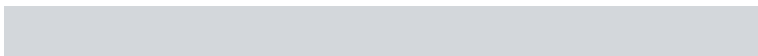
65.4023, 67.6064, 74.5680



64.5908, 67.6064, 70.4014



63.1268, 67.6064, 72.6640



63.9260, 67.6064, 76.9185

Rectangle

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



65.4023, 67.6064, 74.5680



65.2489, 67.6064, 71.7438



63.1268, 67.6064, 72.6640



63.2769, 67.6064, 75.5121

Sweetspot

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



65.4042, 67.6093, 74.5695



94.0371, 98.3019, 107.5524



64.9018, 67.3051, 76.5892



20.1385, 21.0585, 23.0349



0.0000, 0.0000, 0.0000



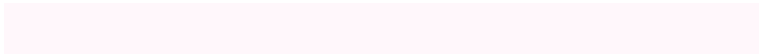
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4042, 67.6093, 74.5695



92.0477, 94.9717, 104.8896



65.0203, 67.4557, 72.5476



14.1433, 14.5208, 16.0933



19.0281, 9.6123, 9.7942



1.2762, 0.6401, 0.8636

Inverse Universe

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



65.4042, 67.6093, 74.5695



92.0477, 94.9717, 104.8896



65.5603, 69.9252, 77.0602



14.1433, 14.5208, 16.0933



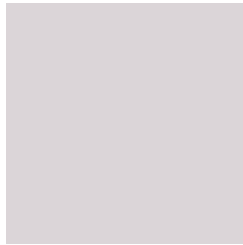
19.0281, 9.6123, 9.7942



1.2762, 0.6401, 0.8636

Previews

White Background



This preview shows how the XYZ color 65.4023, 67.6064, 74.5680 looks on a white background.

Color Contrast Check

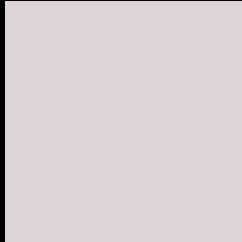
Large Text (above 18pt) WCAG AA × Fail

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 65.4023, 67.6064, 74.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

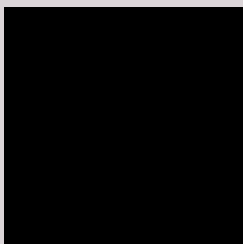
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

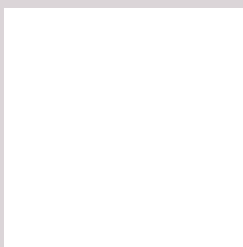
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4023, 67.6064, 74.5680

Background



This preview shows how black text looks on a background with the XYZ color 65.4023, 67.6064, 74.5680.

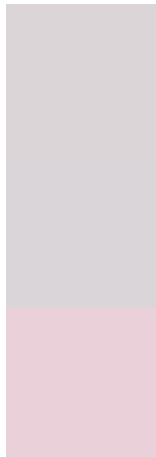


This preview shows how white text looks on a background with the XYZ color 65.4023, 67.6064,

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

65.4023, 67.6064, 74.5680

Protanopia

65.1024, 67.4518, 74.5540

Deuteranopia

69.0119, 67.6139, 75.0591



Tritanopia

67.1167, 67.5621, 82.9022

Trichromacy



Original Color

65.4023, 67.6064, 74.5680

Protanomaly

65.1024, 67.4518, 74.5540

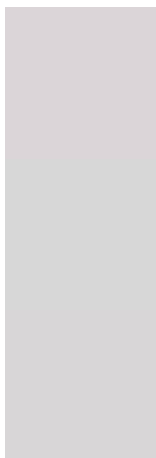
Deuteranomaly

67.8841, 67.7610, 75.1469

Tritanomaly

66.5132, 67.6844, 80.0798

Monochromacy



Original Color

65.4023, 67.6064, 74.5680

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6312, 67.5984, 73.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4023, 67.6064, 74.5680 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(219, 213, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 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(219, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.4023, 67.6064, 74.5680 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(219, 213, 216) }
```


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

```
.border{ border-color:rgb(219, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4023, 67.6064, 74.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 216) }
```

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

```
.background{ background-color: rgb(219,  
213, 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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