

Converting Colors

XYZ(63.8606, 69.2952, 74.1916)

Have a look what the booklet for
XYZ(63.8606, 69.2952, 74.1916)
contains.

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Color

**XYZ(63.8918, 69.1246,
74.2649)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBD7
RGB	209, 219, 215
RGB Percent	82%, 86%, 84%
CMY	0.1804, 0.1412, 0.1569
CMYK	0.05, 0.00, 0.02, 0.14
HSL	156°, 12%, 84%
HSV	156°, 5%, 86%
XYZ	63.8918, 69.1246, 74.2649
YIQ	215.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

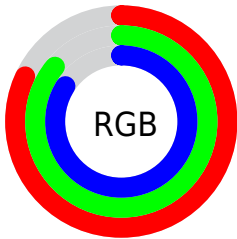
Format	Color
R _Y B	209, 215, 219
Decimal	13753303
CIE Lab	86.57, -4.10, 0.79
CIE LCh	87, 4.170, 169.126
Yxy	69.1246, 0.3082, 0.3335
Android (android.graphics.Color)	4291943383 (0xFFD1DBD7)
YUV	215.5540, -0.2731, -5.7479
Hunter-Lab	83.1412, -8.3246, 5.2388

Details

The XYZ color **63.8918, 69.1246, 74.2649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0267, 65.4670, 72.2161**, and the grayscale version is **64.9727, 68.3563, 74.4400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1382, 36.0575, 38.4709** is the 20% darker color. If you saturate the color by 10%, you get **57.0205, 65.7109, 68.2216**, and if you desaturate by 10%, it is **71.6792, 73.0074, 80.6690**.

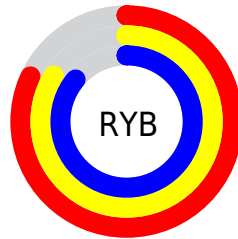
Distribution



Red (82%)

Green (86%)

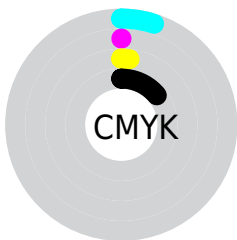
Blue (84%)



Red (82%)

Yellow (84%)

Blue (86%)

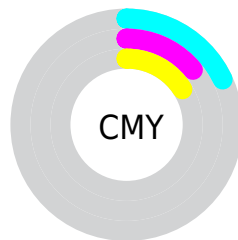


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8918, 69.1246, 74.2649 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 63.8918, 69.1246, 74.2649 by changing the saturation by 10% instead.

■ 63.8918, 69.1246,
74.2649

■ 63.8918, 69.1246,
74.2649

428.4072,
457.4703, 494.5750

■ 46.8244, 50.8132,
54.5128

109.5297,
117.9595, 127.0088

■ 33.1042, 36.0600,
38.6158

138.8309,
149.2518, 160.8376

■ 22.3659, 24.4805,
26.1555

172.9408,
185.6399, 200.1957

■ 14.2441, 15.6904,
16.7132

212.2246,
227.5081, 245.5017

■ 8.3735, 9.3054,
9.8704

257.0479,
275.2408, 297.1741

■ 4.3887, 4.9409,
5.2086

307.7758,

■ 1.9243, 2.2126,

329.2225, 355.6314

2.3093

364.7738,
389.8376, 421.2922

■ 0.5909, 0.7269,
0.7364

■ 0.0000, 0.0000,
0.0000

■ 63.8918, 69.1246,
74.2649

■ 63.8918, 69.1246,
74.2649

■ 57.0205, 65.7109,
68.2216

■ 71.6792, 73.0074,
80.6690

■ 51.0239, 62.7394,
62.5279

■ 80.4101, 77.3677,
87.4356

■ 45.8661, 60.1935,
57.1786

■ 82.4943, 78.2942,
94.2155

■ 41.5064, 58.0524,
52.1668

■ 83.8377, 78.8315,
101.2899

■ 37.9007, 56.2935,
47.4849

■ 84.6228, 79.1456,
105.4243

■ 35.0002, 54.8917,
43.1254

■ 32.7503, 53.8191,
39.0802

■ 31.0876, 53.0430,
35.3405

■ 29.9353, 52.5239,
31.8969

Harmonies

Analogous

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



64.3049, 69.1246, 71.8339



63.8918, 69.1246, 74.2649



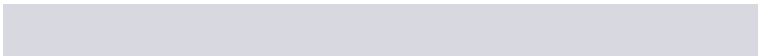
63.9598, 69.1246, 77.0232

Triad

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



63.8918, 69.1246, 74.2649



66.3120, 69.1246, 80.4088



66.9251, 69.1246, 71.3099

Complementary

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



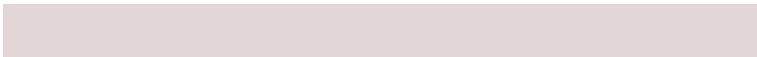
63.8918, 69.1246, 74.2649



64.0267, 65.4670, 72.2161

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.



67.4732, 69.1246, 73.5337



63.8918, 69.1246, 74.2649



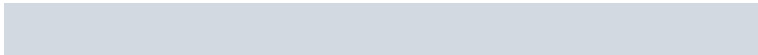
67.1168, 69.1246, 78.8036

Square

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



63.8918, 69.1246, 74.2649



65.3507, 69.1246, 80.6163



67.5437, 69.1246, 76.2739



66.0522, 69.1246, 70.1558

Rectangle

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



63.8918, 69.1246, 74.2649



64.2690, 69.1246, 78.6754



67.5437, 69.1246, 76.2739



67.1538, 69.1246, 71.9545

Sweetspot

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



63.8938, 69.1275, 74.2664



93.9542, 99.4540, 107.9933



64.3315, 69.4407, 70.3356



20.1216, 21.2930, 23.1246



0.0000, 0.0000, 0.0000



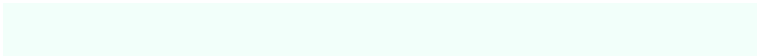
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8938, 69.1275, 74.2664



89.7030, 97.3372, 104.4182



64.1977, 68.9020, 76.9371



13.7946, 15.0261, 16.0879



17.5192, 31.0403, 18.1656



1.1771, 2.0278, 1.3987

Inverse Universe

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



64.0267, 65.4670, 72.2161



89.9096, 91.6504, 101.2329



63.7297, 65.6763, 69.6407



13.8304, 14.0417, 15.5365



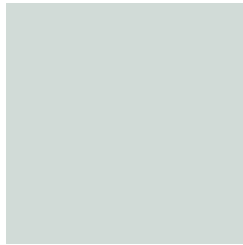
18.4087, 9.3645, 6.5323



1.2344, 0.6234, 0.6435

Previews

White Background



This preview shows how the XYZ color 63.8918, 69.1246, 74.2649 looks on a white background.

Color Contrast Check

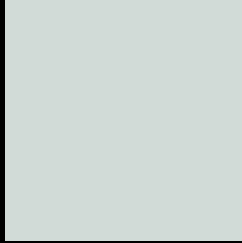
Large Text (above 18pt) WCAG AA × Fail

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 63.8918, 69.1246, 74.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

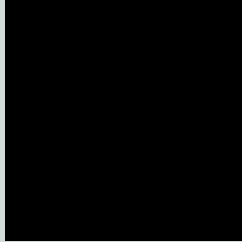
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

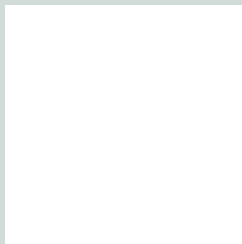
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8918, 69.1246, 74.2649

Background



This preview shows how black text looks on a background with the XYZ color 63.8918, 69.1246, 74.2649.

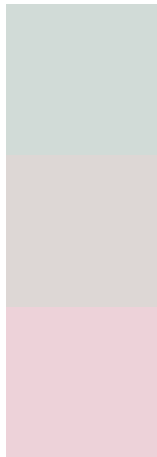


This preview shows how white text looks on a background with the XYZ color 63.8918, 69.1246,

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

63.8918, 69.1246, 74.2649

Protanopia

66.1295, 68.7771, 72.7407

Deuteranopia

70.4960, 69.1075, 75.2692



Tritanopia

66.4152, 68.9920, 86.9071

Trichromacy



Original Color

63.8918, 69.1246, 74.2649

Protanomaly

65.3087, 68.7185, 73.4402

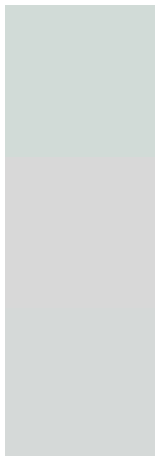
Deuteranomaly

67.8675, 68.8773, 74.6834

Tritanomaly

65.4043, 68.9656, 81.8160

Monochromacy



Original Color

63.8918, 69.1246, 74.2649

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.6481, 68.7297, 74.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8918, 69.1246, 74.2649 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(209, 219, 215) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 215)  
}
```

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(209, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.8918, 69.1246, 74.2649 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(209, 219, 215) }
```


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

```
.border{ border-color:rgb(209, 219, 215) }
```

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

Here you see how a box with a 4 pixel rgb(209, 219, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8918, 69.1246, 74.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 215) }
```

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

```
.background{ background-color: rgb(209,  
219, 215) }
```

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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