

Converting Colors

XYZ(64.0149, 65.3525, 69.2532)

Have a look what the booklet for
XYZ(64.0149, 65.3525, 69.2532)
contains.

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Color

**XYZ(64.1279, 65.5765,
69.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD1D1
RGB	221, 209, 209
RGB Percent	87%, 82%, 82%
CMY	0.1333, 0.1804, 0.1804
CMYK	0.00, 0.05, 0.05, 0.13
HSL	0°, 15%, 84%
HSV	0°, 5%, 87%
XYZ	64.1279, 65.5765, 69.5992
YIQ	212.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

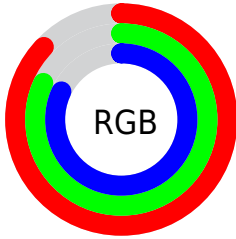
Format	Color
R _Y B	221, 209, 209
Decimal	14537169
CIE Lab	84.78, 4.14, 1.47
CIE LCh	85, 4.395, 19.602
Yxy	65.5765, 0.3218, 0.3290
Android (android.graphics.Color)	4292727249 (0xFFDDD1D1)
YUV	212.5880, -1.7689, 7.3773
Hunter-Lab	80.9793, -0.3588, 5.7276

Details

The XYZ color **64.1279, 65.5765, 69.5992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2020, 70.4877, 78.5765**, and the grayscale version is **62.9804, 66.2603, 72.1574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3636, 33.9162, 35.7984** is the 20% darker color. If you saturate the color by 10%, you get **56.5299, 54.4593, 54.4906**, and if you desaturate by 10%, it is **72.8608, 78.3546, 86.9603**.

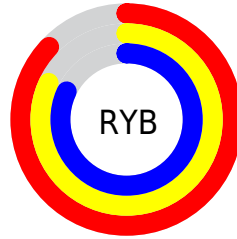
Distribution



Red (87%)

Green (82%)

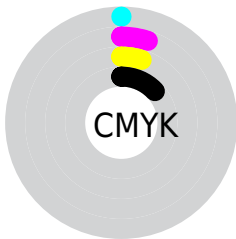
Blue (82%)



Red (87%)

Yellow (82%)

Blue (82%)

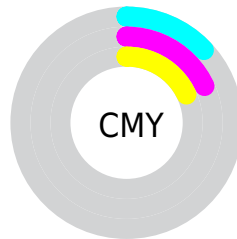


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1279, 65.5765, 69.5992 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 64.1279, 65.5765, 69.5992 by changing the saturation by 10% instead.

■ 64.1279, 65.5765,
69.5992

■ 64.1279, 65.5765,
69.5992

429.2463,
444.8608, 477.8925

■ 47.0163, 47.9287,
50.7251

109.8678,
112.8783, 120.3128

■ 33.2566, 33.7704,
35.6146

139.2269,
143.3010, 152.9893

■ 22.4832, 22.7173,
23.8494

173.3992,
178.7509, 191.1036

■ 14.3310, 14.3849,
15.0108

212.7500,
219.6123, 235.0744

■ 8.4345, 8.3888,
8.6802

257.6448,
266.2696, 285.3202

■ 4.4283, 4.3448,
4.4393

308.4489,

■ 1.9472, 1.8682,

319.1072, 342.2594

1.8693

365.5276,
378.5094, 406.3107

■ 0.6040, 0.5292,
0.4731

■ 0.0000, 0.0000,
0.0000

■ 64.1279, 65.5765,
69.5992

■ 64.1279, 65.5765,
69.5992

■ 56.5299, 54.4593,
54.4906

■ 72.8608, 78.3546,
86.9603

■ 50.0151, 44.9267,
41.5381

■ 82.7668, 92.8487,
106.6564

■ 44.5358, 36.9091,
30.6449

■ 83.6292, 94.1124,
108.3655

■ 40.0387, 30.3286,
21.7048

■ 36.4658, 25.1003,
14.6025

■ 33.7530, 21.1303,
9.2103

■ 31.8278, 18.3128,
5.3844

■ 30.6062, 16.5248,
2.9573

■ 29.9849, 15.6152,
1.7237

Harmonies

Analogous

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



64.2080, 65.5765, 72.3841



64.1279, 65.5765, 69.5992



63.5628, 65.5765, 67.3541

Triad

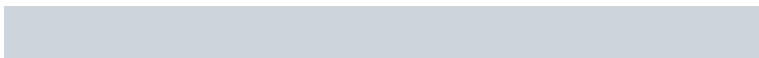
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1279, 65.5765, 69.5992



60.8987, 65.5765, 67.9472



61.9876, 65.5765, 76.8650

Complementary

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



64.1279, 65.5765, 69.5992



65.2020, 70.4877, 78.5765

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.



61.1103, 65.5765, 75.6082



64.1279, 65.5765, 69.5992



60.4860, 65.5765, 70.4281

Square

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



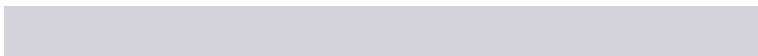
64.1279, 65.5765, 69.5992



61.6959, 65.5765, 66.4178



60.5631, 65.5765, 73.2350



62.9654, 65.5765, 76.6288

Rectangle

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



64.1279, 65.5765, 69.5992



62.9903, 65.5765, 66.4423



60.5631, 65.5765, 73.2350



61.6714, 65.5765, 76.6018

Sweetspot

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



64.1297, 65.5794, 69.6006



92.6347, 96.4659, 104.0977



65.6713, 66.1945, 77.7231



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

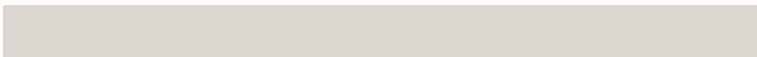
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1297, 65.5794, 69.6006



86.8772, 88.0417, 92.6505



65.6288, 68.5775, 70.1003



13.3720, 13.5140, 14.1843



17.3228, 8.9311, 0.8109



1.1224, 0.5788, 0.0526

Inverse Universe

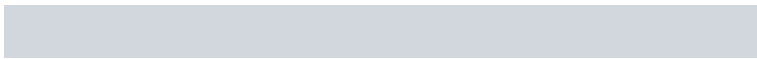
The Inverse Universe completely reimagines the original color for something new.



65.2020, 70.4877, 78.5765



88.7834, 96.7668, 108.6062



63.6470, 67.3776, 78.0582



13.6866, 14.9537, 16.8171



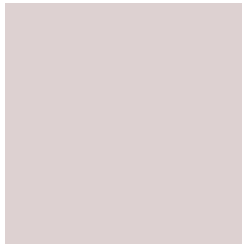
22.5916, 33.0526, 44.9275



1.4637, 2.1415, 2.9107

Previews

White Background



This preview shows how the XYZ color 64.1279, 65.5765, 69.5992 looks on a white background.

Color Contrast Check

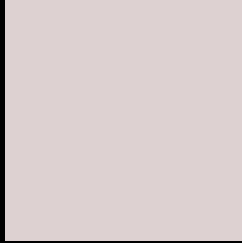
Large Text (above 18pt) WCAG AA × Fail

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 64.1279, 65.5765, 69.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

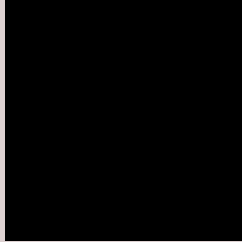
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

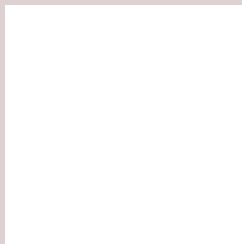
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1279, 65.5765, 69.5992

Background



This preview shows how black text looks on a background with the XYZ color 64.1279, 65.5765, 69.5992.

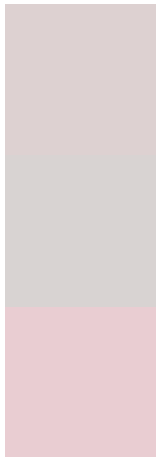


This preview shows how white text looks on a background with the XYZ color 64.1279, 65.5765,

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

64.1279, 65.5765, 69.5992

Protanopia

63.2460, 65.8406, 70.3479

Deuteranopia

67.0685, 65.6394, 70.1076



Tritanopia

66.0635, 65.6413, 79.0002

Trichromacy



Original Color

64.1279, 65.5765, 69.5992

Protanomaly

63.5929, 65.6518, 70.2931

Deuteranomaly

66.0173, 65.4538, 70.1271

Tritanomaly

65.3350, 65.7033, 75.5681

Monochromacy



Original Color

64.1279, 65.5765, 69.5992

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7461, 66.4394, 71.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1279, 65.5765, 69.5992 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(221, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 209)  
}
```

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(221, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.1279, 65.5765, 69.5992 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(221, 209, 209) }
```


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

```
.border{ border-color:rgb(221, 209, 209) }
```

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

Here you see how a box with a 4 pixel rgb(221, 209, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1279, 65.5765, 69.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 209) }
```

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

```
.background{ background-color: rgb(221,  
209, 209) }
```

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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