

Converting Colors

XYZ(63.7106, 66.4735, 68.9178)

Have a look what the booklet for
XYZ(63.7106, 66.4735, 68.9178)
contains.

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Color

**XYZ(63.8421, 66.5465,
69.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD4D0
RGB	218, 212, 208
RGB Percent	85%, 83%, 82%
CMY	0.1451, 0.1686, 0.1843
CMYK	0.00, 0.03, 0.05, 0.15
HSL	24°, 12%, 84%
HSV	24°, 5%, 85%
XYZ	63.8421, 66.5465, 69.1544
YIQ	213.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

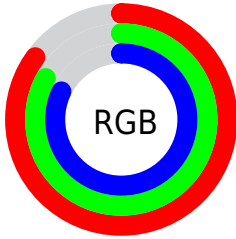
Format	Color
RYB	218, 215, 208
Decimal	14341328
CIELab	85.27, 1.36, 2.69
CIELCh	85, 3.017, 63.275
Yxy	66.5465, 0.3199, 0.3335
Android (android.graphics.Color)	4292531408 (0xFFDAD4D0)
YUV	213.3380, -2.6316, 4.0886
Hunter-Lab	81.5760, -3.0625, 6.8414

Details

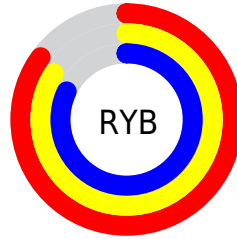
The XYZ color **63.8421, 66.5465, 69.1544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7138, 66.5639, 75.8732**, and the grayscale version is **63.4885, 66.7948, 72.7396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9940, 34.2336, 35.4406** is the 20% darker color. If you saturate the color by 10%, you get **58.2064, 59.2758, 54.9403**, and if you desaturate by 10%, it is **70.1148, 74.4996, 85.4013**.

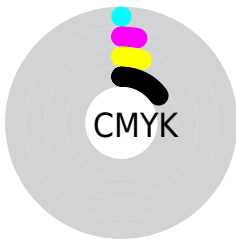
Distribution



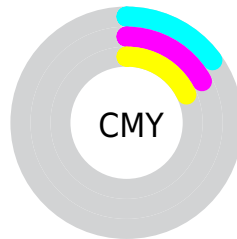
- Red (85%)
- Green (83%)
- Blue (82%)



- Red (85%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8421, 66.5465, 69.1544 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 63.8421, 66.5465, 69.1544 by changing the saturation by 10% instead.

■ 63.8421, 66.5465,
69.1544

■ 63.8421, 66.5465,
69.1544

428.2305,
448.3288, 476.2840

■ 46.7840, 48.7162,
50.3649

109.4585,
114.2704, 119.6719

■ 33.0722, 34.3944,
35.3302

138.7475,
144.9327, 152.2369

■ 22.3412, 23.1967,
23.6318

172.8442,
180.6411, 190.2309

■ 14.2259, 14.7388,
14.8510

212.1140,
221.7800, 234.0724

■ 8.3607, 8.6363,
8.5694

256.9221,
268.7339, 284.1799

■ 4.3803, 4.5047,
4.3685

307.6340,

■ 1.9195, 1.9597,

321.8870, 340.9720

1.8296

364.6150,
381.6239, 404.8672

■ 0.5881, 0.5839,
0.4474

■ 0.0000, 0.0000,
0.0000

■ 63.8421, 66.5465,
69.1544

■ 63.8421, 66.5465,
69.1544

■ 58.2064, 59.2758,
54.9403

■ 70.1148, 74.4996,
85.4013

■ 53.1809, 52.6604,
42.6738

■ 77.0391, 83.1440,
103.7529

■ 48.7451, 46.6838,
32.2702

■ 81.5296, 91.2572,
107.9251

■ 44.8751, 41.3258,
23.6367

■ 82.7238, 93.6456,
108.3231

■ 41.5451, 36.5648,
16.6726

■ 38.7272, 32.3778,
11.2668

■ 36.3905, 28.7402,
7.2944

■ 34.4999, 25.6250,
4.6111

■ 33.0140, 23.0018,
3.0412

Harmonies

Analogous

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



64.3533, 66.5465, 70.4164



63.8421, 66.5465, 69.1544



63.1756, 66.5465, 68.7721

Triad

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



63.8421, 66.5465, 69.1544



61.9501, 66.5465, 72.6726



63.9728, 66.5465, 75.6438

Complementary

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



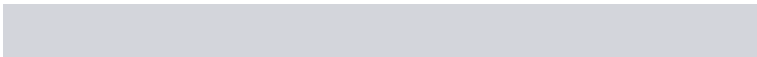
63.8421, 66.5465, 69.1544



62.7138, 66.5639, 75.8732

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.



63.3254, 66.5465, 76.2729



63.8421, 66.5465, 69.1544



62.1603, 66.5465, 74.5383

Square

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



63.8421, 66.5465, 69.1544



62.0862, 66.5465, 70.7817



62.6625, 66.5465, 75.8648



64.4291, 66.5465, 74.1602

Rectangle

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



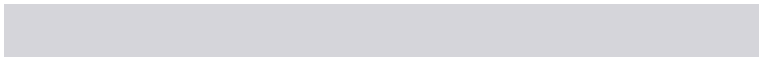
63.8421, 66.5465, 69.1544



62.7336, 66.5465, 69.0618



62.6625, 66.5465, 75.8648



63.7701, 66.5465, 75.9634

Sweetspot

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



63.8440, 66.5494, 69.1558



94.1563, 98.8652, 106.5901



63.6078, 64.8732, 72.7885



20.1627, 21.1732, 22.8390



0.0000, 0.0000, 0.0000



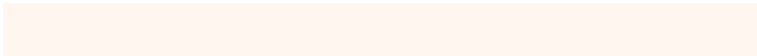
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8440, 66.5494, 69.1558



89.8265, 93.3392, 95.4865



65.1123, 69.0861, 69.5786



13.8404, 14.3643, 14.6069



19.4768, 13.2392, 1.5289



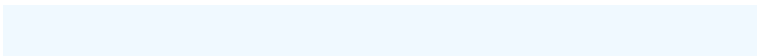
1.3447, 1.0235, 0.1267

Inverse Universe

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



62.7138, 66.5639, 75.8732



87.7201, 93.3662, 108.0059



61.4687, 64.0738, 75.4582



13.4857, 14.3688, 16.7148



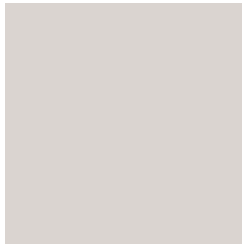
12.5290, 12.9274, 41.5733



0.8952, 1.0045, 2.7211

Previews

White Background



This preview shows how the XYZ color 63.8421, 66.5465, 69.1544 looks on a white background.

Color Contrast Check

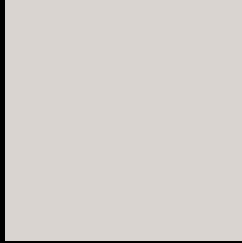
Large Text (above 18pt) WCAG AA × Fail

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 63.8421, 66.5465, 69.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

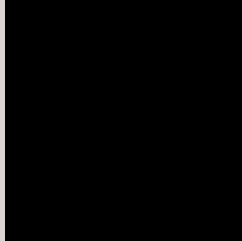
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

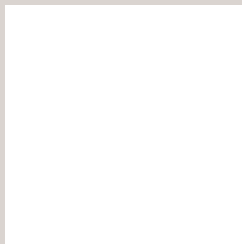
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8421, 66.5465, 69.1544

Background



This preview shows how black text looks on a background with the XYZ color 63.8421, 66.5465, 69.1544.

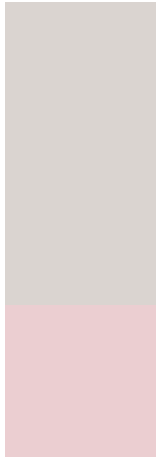


This preview shows how white text looks on a background with the XYZ color 63.8421, 66.5465,

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

63.8421, 66.5465, 69.1544

Protanopia

63.8421, 66.5465, 69.1544

Deuteranopia

67.8409, 66.4082, 69.5641



Tritanopia

66.3467, 66.4641, 81.2835

Trichromacy



Original Color

63.8421, 66.5465, 69.1544

Protanomaly

63.8421, 66.5465, 69.1544

Deuteranomaly

66.3776, 66.3732, 69.6344

Tritanomaly

65.3480, 66.4233, 76.3946

Monochromacy



Original Color

63.8421, 66.5465, 69.1544

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5765, 66.7387, 71.1590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8421, 66.5465, 69.1544 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, 212, 208) looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 208)  
}
```

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, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.8421, 66.5465, 69.1544 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, 212, 208) }
```


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

```
.border{ border-color:rgb(218, 212, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 212, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 212, 208); box-shadow:4px 4px 4px 4px rgb(218, 212, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8421, 66.5465, 69.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 208) }
```

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

```
.background{ background-color: rgb(218,  
212, 208) }
```

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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