

Converting Colors

XYZ(65.7465, 69.4284, 73.1043)

Have a look what the booklet for
XYZ(65.7465, 69.4284, 73.1043)
contains.

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Color

**XYZ(65.7365, 69.3352,
72.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD9D5
RGB	218, 217, 213
RGB Percent	85%, 85%, 84%
CMY	0.1451, 0.1490, 0.1647
CMYK	0.00, 0.00, 0.02, 0.15
HSL	48°, 6%, 85%
HSV	48°, 2%, 85%
XYZ	65.7365, 69.3352, 72.8691
YIQ	216.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

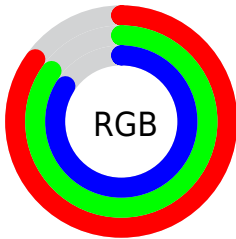
Format	Color
R _Y B	214, 218, 213
Decimal	14342613
CIE Lab	86.67, -0.37, 2.08
CIE LCh	87, 2.109, 100.068
Yxy	69.3352, 0.3161, 0.3334
Android (android.graphics.Color)	4292532693 (0xFFDAD9D5)
YUV	216.8430, -1.8946, 1.0147
Hunter-Lab	83.2678, -4.8001, 6.4017

Details

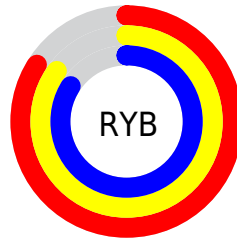
The XYZ color **65.7365, 69.3352, 72.8691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1420, 67.3003, 75.9401**, and the grayscale version is **65.8591, 69.2889, 75.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1961, 36.0958, 37.5126** is the 20% darker color. If you saturate the color by 10%, you get **62.0494, 66.0949, 58.8937**, and if you desaturate by 10%, it is **69.8290, 72.7893, 88.8164**.

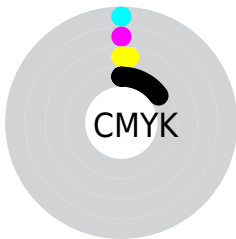
Distribution



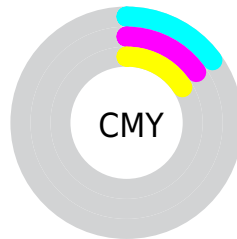
- Red (85%)
- Green (85%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7365, 69.3352, 72.8691 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 65.7365, 69.3352, 72.8691 by changing the saturation by 10% instead.

■ 65.7365, 69.3352,
72.8691

■ 65.7365, 69.3352,
72.8691

434.9374,
458.2123, 489.6196

■ 48.3254, 50.9847,
53.3778

112.1679,
118.2602, 125.0106

■ 34.2970, 36.1965,
37.7146

141.9189,
149.6036, 158.4978

■ 23.2858, 24.5860,
25.4612

176.5140,
186.0467, 197.4873

■ 14.9266, 15.7689,
16.1988

216.3185,
227.9739, 242.3978

■ 8.8538, 9.3607,
9.5091

261.6977,
275.7697, 293.6477

■ 4.7023, 4.9772,
4.9734

313.0170,

■ 2.1066, 2.2339,

329.8185, 351.6557

2.1732

370.6418,
390.5045, 416.8401

■ 0.6928, 0.7384,
0.6588

■ 0.0000, 0.0000,
0.0000

■ 65.7365, 69.3352,
72.8691

■ 65.7365, 69.3352,
72.8691

■ 62.0494, 66.0949,
58.8937

■ 69.8290, 72.7893,
88.8164

■ 58.7468, 63.0529,
46.8081

■ 74.0762, 76.3505,
105.4406

■ 55.8148, 60.2057,
36.5308

■ 75.2701, 78.7382,
105.8386

■ 53.2364, 57.5458,
27.9730

■ 76.4941, 81.1861,
106.2466

■ 50.9928, 55.0657,
21.0381

■ 77.7484, 83.6947,
106.6647

■ 49.0638, 52.7566,
15.6199

■ 79.0332, 86.2644,
107.0929

■ 47.4266, 50.6093,
11.5996

■ 80.3488, 88.8956,
107.5315

■ 46.0550, 48.6127,
8.8408

■ 81.6953, 91.5887,
107.9803

■ 44.9177, 46.7540,
7.1792

■ 82.7238, 93.6456,
108.3231

Harmonies

Analogous

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



66.2227, 69.3352, 72.9864



65.7365, 69.3352, 72.8691



65.2966, 69.3352, 73.4485

Triad

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



65.7365, 69.3352, 72.8691



65.1828, 69.3352, 77.2441



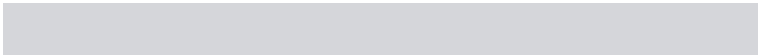
66.7905, 69.3352, 76.4177

Complementary

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



65.7365, 69.3352, 72.8691



64.1420, 67.3003, 75.9401

Split Complementary

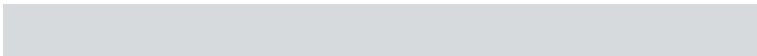
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5092, 69.3352, 77.5776



65.7365, 69.3352, 72.8691



65.5804, 69.3352, 78.0589

Square

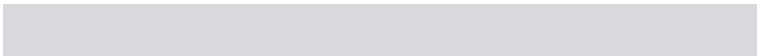
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7365, 69.3352, 72.8691



64.9779, 69.3352, 75.9668



66.0658, 69.3352, 78.1817



66.8328, 69.3352, 75.0236

Rectangle

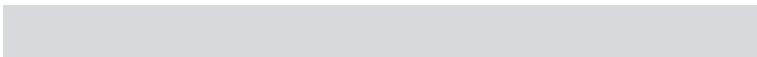
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7365, 69.3352, 72.8691



65.0881, 69.3352, 74.1561



66.0658, 69.3352, 78.1817



66.7207, 69.3352, 76.8484

Sweetspot

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



65.7384, 69.3382, 72.8706



94.4803, 99.5131, 106.6981



64.8462, 67.3500, 73.2014



20.2287, 21.3051, 22.8610



0.0000, 0.0000, 0.0000



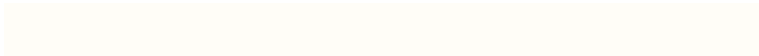
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7384, 69.3382, 72.8706



93.3583, 98.5485, 102.3804



65.5494, 69.6230, 72.9356



14.3951, 15.2075, 15.6125



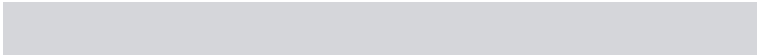
26.5339, 27.3535, 3.8813



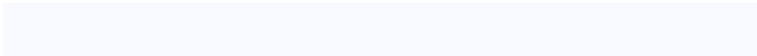
1.7762, 1.8865, 0.2705

Inverse Universe

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



64.1420, 67.3003, 75.9401



90.3681, 94.7313, 108.1298



64.3278, 67.0230, 75.8768



13.8204, 14.4739, 16.7175



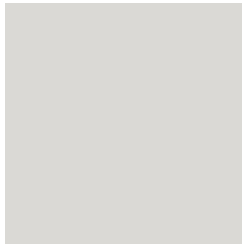
8.1693, 4.2080, 40.1201



0.5904, 0.3950, 2.6196

Previews

White Background



This preview shows how the XYZ color 65.7365, 69.3352, 72.8691 looks on a white background.

Color Contrast Check

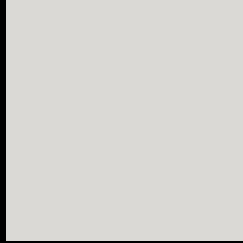
Large Text (above 18pt) WCAG AA × Fail

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 65.7365, 69.3352, 72.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

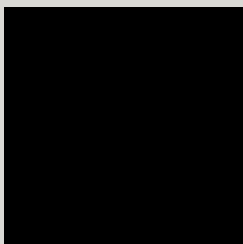
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

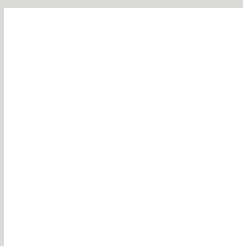
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7365, 69.3352, 72.8691

Background



This preview shows how black text looks on a background with the XYZ color 65.7365, 69.3352, 72.8691.

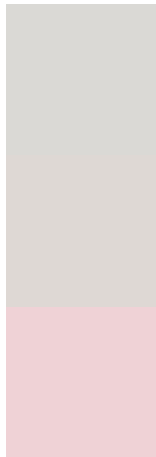


This preview shows how white text looks on a background with the XYZ color 65.7365, 69.3352,

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

65.7365, 69.3352, 72.8691

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

70.7808, 69.2989, 73.2638



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

65.7365, 69.3352, 72.8691

Protanomaly

66.2583, 69.2374, 72.1593

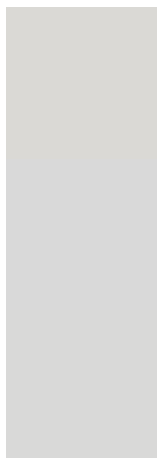
Deuteranomaly

68.8868, 69.4325, 73.3894

Tritanomaly

67.2702, 69.1983, 80.3321

Monochromacy



Original Color

65.7365, 69.3352, 72.8691

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8228, 69.3353, 74.8796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7365, 69.3352, 72.8691 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, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 213)  
}
```

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, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.7365, 69.3352, 72.8691 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, 217, 213) }
```


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

```
.border{ border-color:rgb(218, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7365, 69.3352, 72.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 213) }
```

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

```
.background{ background-color: rgb(218,  
217, 213) }
```

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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