

Converting Colors

XYZ(65.7739, 69.0873, 74.3657)

Have a look what the booklet for
XYZ(65.7739, 69.0873, 74.3657)
contains.

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Color

**XYZ(65.7351, 68.9235,
74.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8D7
RGB	218, 216, 215
RGB Percent	85%, 85%, 84%
CMY	0.1451, 0.1529, 0.1569
CMYK	0.00, 0.01, 0.01, 0.15
HSL	20°, 4%, 85%
HSV	20°, 1%, 85%
XYZ	65.7351, 68.9235, 74.1289
YIQ	216.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

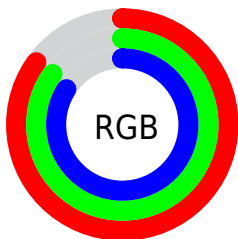
Format	Color
R _Y B	218, 217, 215
Decimal	14342359
CIE Lab	86.47, 0.51, 0.72
CIE LCh	86, 0.882, 55.002
Yxy	68.9235, 0.3148, 0.3301
Android (android.graphics.Color)	4292532439 (0xFFDAD8D7)
YUV	216.4840, -0.7316, 1.3295
Hunter-Lab	83.0202, -3.9496, 5.1740

Details

The XYZ color **65.7351, 68.9235, 74.1289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4921, 69.1339, 76.2231**, and the grayscale version is **65.6062, 69.0228, 75.1658**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1943, 35.8143, 38.3683** is the 20% darker color. If you saturate the color by 10%, you get **59.5653, 60.7714, 59.1605**, and if you desaturate by 10%, it is **72.6103, 77.8871, 91.1756**.

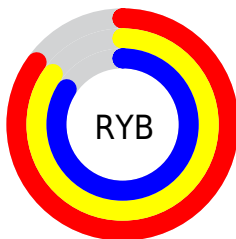
Distribution



Red (85%)

Green (85%)

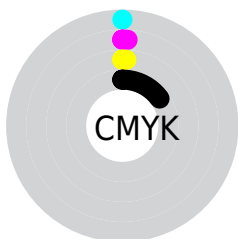
Blue (84%)



Red (85%)

Yellow (85%)

Blue (84%)

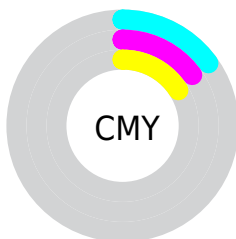


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7351, 68.9235, 74.1289 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 65.7351, 68.9235, 74.1289 by changing the saturation by 10% instead.

■ 65.7351, 68.9235,
74.1289

■ 65.7351, 68.9235,
74.1289

434.9325,
456.7611, 494.0934

■ 48.3243, 50.6494,
54.4021

112.1659,
117.6723, 126.8142

■ 34.2961, 35.9297,
38.5279

141.9166,
148.9158, 160.6099

■ 23.2851, 24.3799,
26.0876

176.5113,
185.2512, 199.9322

■ 14.9260, 15.6157,
16.6629

216.3154,
227.0630, 245.1998

■ 8.8535, 9.2526,
9.8350

261.6942,
274.7355, 296.8312

■ 4.7021, 4.9063,
5.1855

313.0131,

■ 2.1065, 2.1924,

328.6530, 355.2449

2.2959

370.6374,
389.2001, 420.8595

■ 0.6927, 0.7158,
0.7289

■ 0.0000, 0.0000,
0.0000

■ 65.7351, 68.9235,
74.1289

■ 65.7351, 68.9235,
74.1289

■ 59.5653, 60.7714,
59.1605

■ 72.6103, 77.8871,
91.1756

■ 54.0718, 53.3991,
46.1860

■ 79.6215, 87.4408,
107.2890

■ 49.2323, 46.7858,
35.1217

■ 82.7239, 93.6457,
108.3231

■ 45.0208, 40.9064,
25.8763

■ 41.4095, 35.7343,
18.3508

■ 38.3683, 31.2414,
12.4367

■ 35.8642, 27.3974,
8.0132

■ 33.8603, 24.1692,
4.9419

■ 32.3139, 21.5204,
3.0579

Harmonies

Analogous

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



65.8661, 68.9235, 74.5719



65.7351, 68.9235, 74.1289



65.5439, 68.9235, 73.9317

Triad

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



65.7351, 68.9235, 74.1289



65.1195, 68.9235, 74.9481



65.6758, 68.9235, 76.0694

Complementary

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



65.7351, 68.9235, 74.1289



65.4921, 69.1339, 76.2231

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.



65.4755, 68.9235, 76.1714



65.7351, 68.9235, 74.1289



65.1546, 68.9235, 75.5221

Square

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



65.7351, 68.9235, 74.1289



65.1887, 68.9235, 74.4031



65.2849, 68.9235, 75.9706



65.8318, 68.9235, 75.6926

Rectangle

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



65.7351, 68.9235, 74.1289



65.4082, 68.9235, 73.9654



65.2849, 68.9235, 75.9706



65.6114, 68.9235, 76.1370

Sweetspot

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



65.7370, 68.9265, 74.1304

95.0500, 100.0000, 108.9000



65.7393, 68.5171, 75.4070



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



65.7370, 68.9265, 74.1304



93.1666, 97.5297, 104.2750



66.1222, 69.6967, 74.2588



14.4476, 15.1292, 16.1951



18.8362, 11.9579, 1.3153



1.2981, 0.9304, 0.1112

Inverse Universe

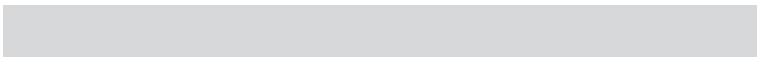
The Inverse Universe completely reimagines the original color for something new.



65.4921, 69.1339, 76.2231



92.6565, 97.9616, 108.6327



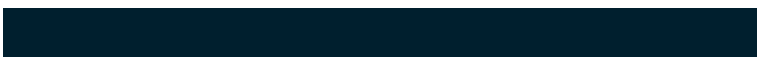
65.1082, 68.3660, 76.0951



14.3737, 15.1918, 16.8269



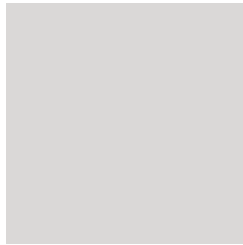
13.7559, 15.3812, 41.9823



0.9693, 1.1527, 2.7459

Previews

White Background



This preview shows how the XYZ color 65.7351, 68.9235, 74.1289 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 65.7351, 68.9235, 74.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

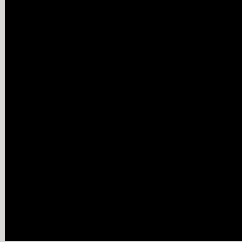
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

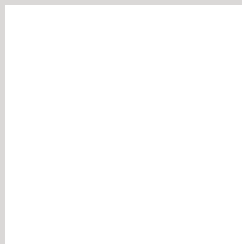
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7351, 68.9235, 74.1289

Background



This preview shows how black text looks on a background with the XYZ color 65.7351, 68.9235, 74.1289.

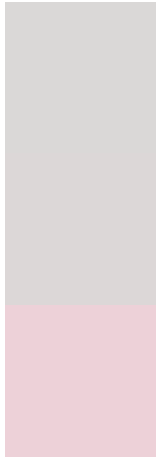


This preview shows how white text looks on a background with the XYZ color 65.7351, 68.9235,

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

65.7351, 68.9235, 74.1289

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

70.1202, 68.5633, 74.5041



Tritanopia

67.8447, 69.0219, 84.6097

Trichromacy



Original Color

65.7351, 68.9235, 74.1289

Protanomaly

65.7796, 68.5672, 74.0578

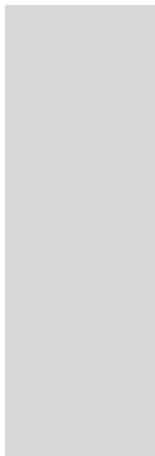
Deuteranomaly

68.5713, 68.8678, 74.6445

Tritanomaly

67.1045, 69.0972, 81.0345

Monochromacy



Original Color

65.7351, 68.9235, 74.1289

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5658, 68.8213, 74.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7351, 68.9235, 74.1289 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, 216, 215) looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 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(218, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.7351, 68.9235, 74.1289 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, 216, 215) }
```

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

```
.border{ border-color:rgb(218, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
215) }
```


Background

The CSS property to change the background color of an element to XYZ 65.7351, 68.9235, 74.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 215) }
```

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

```
.background{ background-color: rgb(218,  
216, 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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