

Converting Colors

XYZ(68.2908, 71.6366, 70.7986)

Have a look what the booklet for
XYZ(68.2908, 71.6366, 70.7986)
contains.

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Color

**XYZ(68.2042, 71.4352,
70.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBD1
RGB	226, 219, 209
RGB Percent	89%, 86%, 82%
CMY	0.1137, 0.1412, 0.1804
CMYK	0.00, 0.03, 0.08, 0.11
HSL	35°, 23%, 85%
HSV	35°, 8%, 89%
XYZ	68.2042, 71.4352, 70.5152
YIQ	219.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

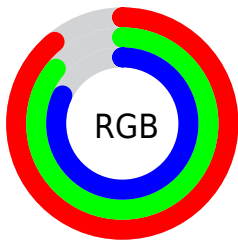
Format	Color
R _Y B	221, 226, 209
Decimal	14867409
CIE Lab	87.70, 0.67, 5.75
CIE LCh	88, 5.789, 83.324
Yxy	71.4352, 0.3245, 0.3399
Android (android.graphics.Color)	4293057489 (0xFFE2DBD1)
YUV	219.9530, -5.3998, 5.3032
Hunter-Lab	84.5193, -3.8655, 9.6974

Details

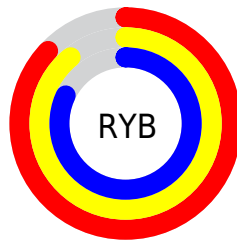
The XYZ color **68.2042, 71.4352, 70.5152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5778, 68.1571, 81.7045**, and the grayscale version is **68.0293, 71.5721, 77.9420**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9864, 37.5754, 36.3664** is the 20% darker color. If you saturate the color by 10%, you get **63.2439, 65.6787, 56.0224**, and if you desaturate by 10%, it is **73.7011, 77.6279, 87.1469**.

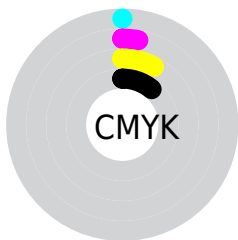
Distribution



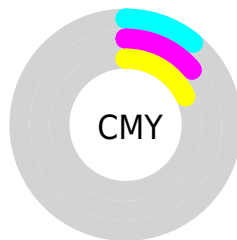
- Red (89%)
- Green (86%)
- Blue (82%)



- Red (87%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2042, 71.4352, 70.5152 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 68.2042, 71.4352, 70.5152 by changing the saturation by 10% instead.

■ 68.2042, 71.4352,
70.5152

■ 68.2042, 71.4352,
70.5152

443.5846,
465.5733, 481.1948

■ 50.3382, 52.6974,
51.4673

115.6845,
121.2532, 121.6312

■ 35.9011, 37.5613,
36.2013

146.0295,
153.1022, 154.5363

■ 24.5275, 25.6424,
24.2988

181.2649,
190.0904, 192.8975

■ 15.8523, 16.5563,
15.3412

221.7560,
232.6022, 237.1335

■ 9.5099, 9.9186,
8.9099

267.8681,
281.0220, 287.6626

■ 5.1350, 5.3450,
4.5864

319.9667,

■ 2.3622, 2.4511,

335.7342, 344.9035

1.9523

378.4171,
397.1232, 409.2748

■ 0.8262, 0.8520,
0.5257

■ 0.0000, 0.0000,
0.0000

■ 68.2042, 71.4352,
70.5152

■ 68.2042, 71.4352,
70.5152

■ 63.2439, 65.6787,
56.0224

■ 73.7011, 77.6279,
87.1469

■ 58.7953, 60.3380,
43.5755

■ 79.7464, 84.2580,
105.9958

■ 54.8405, 55.4047,
33.0816

■ 82.6469, 89.8539,
107.5953

■ 51.3578, 50.8663,
24.4387

■ 85.1744, 94.9090,
108.4378

■ 48.3240, 46.7099,
17.5355

■ 45.7133, 42.9212,
12.2485

■ 43.4968, 39.4845,
8.4377

■ 41.6408, 36.3824,
5.9390

■ 40.1009, 33.5927,
4.5313

Harmonies

Analogous

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



69.4850, 71.4352, 71.8771



68.2042, 71.4352, 70.5152



66.8578, 71.4352, 71.0469

Triad

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



68.2042, 71.4352, 70.5152



65.5031, 71.4352, 80.8107



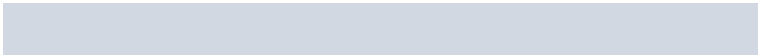
70.0350, 71.4352, 82.3815

Complementary

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



68.2042, 71.4352, 70.5152



64.5778, 68.1571, 81.7045

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.



68.9469, 71.4352, 84.9273



68.2042, 71.4352, 70.5152



66.3334, 71.4352, 83.9993

Square

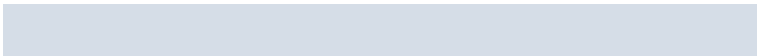
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2042, 71.4352, 70.5152



65.3103, 71.4352, 76.9057



67.5908, 71.4352, 85.5291



70.5512, 71.4352, 78.6625

Rectangle

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



68.2042, 71.4352, 70.5152



66.1029, 71.4352, 72.4126



67.5908, 71.4352, 85.5291



69.7233, 71.4352, 83.4079

Sweetspot

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



68.2062, 71.4383, 70.5167



93.5737, 98.3440, 104.4107



66.5709, 66.7329, 74.3953



20.0441, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



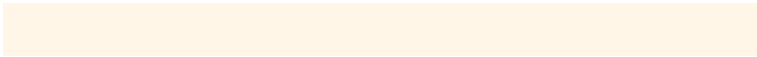
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2062, 71.4383, 70.5167



88.6333, 92.7304, 89.6084



69.6275, 74.9378, 71.1173



14.3742, 15.0344, 14.4511



22.7974, 19.0327, 2.4721



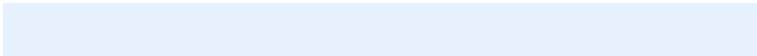
1.6677, 1.4943, 0.2005

Inverse Universe

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



64.5778, 68.1571, 81.7045



82.9469, 87.5881, 107.1422



63.2261, 64.8559, 81.1385



13.4130, 14.1651, 17.4149



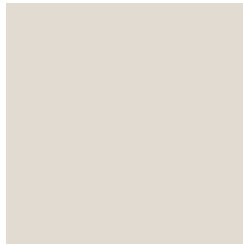
10.1754, 7.8205, 42.0216



0.7919, 0.7153, 2.9416

Previews

White Background



This preview shows how the XYZ color 68.2042, 71.4352, 70.5152 looks on a white background.

Color Contrast Check

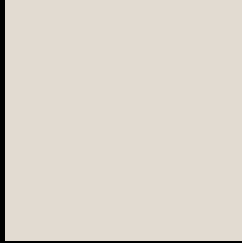
Large Text (above 18pt) WCAG AA × Fail

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 68.2042, 71.4352, 70.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

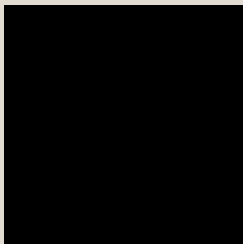
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

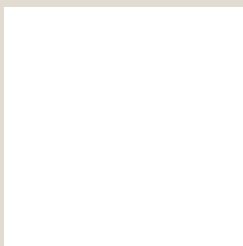
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2042, 71.4352, 70.5152

Background



This preview shows how black text looks on a background with the XYZ color 68.2042, 71.4352, 70.5152.

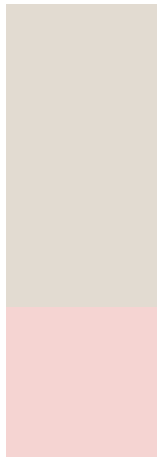


This preview shows how white text looks on a background with the XYZ color 68.2042, 71.4352,

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

68.2042, 71.4352, 70.5152

Protanopia

68.2042, 71.4352, 70.5152

Deuteranopia

72.8325, 71.1526, 70.8679



Tritanopia

71.1790, 71.0851, 86.3132

Trichromacy



Original Color

68.2042, 71.4352, 70.5152

Protanomaly

68.2042, 71.4352, 70.5152

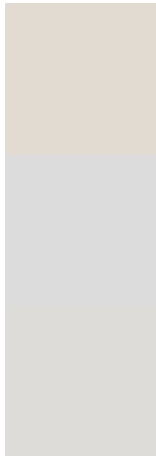
Deuteranomaly

71.1932, 71.4312, 71.0081

Tritanomaly

70.0053, 70.9875, 80.5333

Monochromacy



Original Color

68.2042, 71.4352, 70.5152

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1121, 71.6739, 75.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2042, 71.4352, 70.5152 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(226, 219, 209) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 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(226, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 209) }
```

Border

The CSS property to change the border of an element to XYZ 68.2042, 71.4352, 70.5152 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(226, 219, 209) }
```


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

```
.border{ border-color:rgb(226, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2042, 71.4352, 70.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 209) }
```

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

```
.background{ background-color: rgb(226,  
219, 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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