

Converting Colors

XYZ(68.5992, 72.0653, 66.7181)

Have a look what the booklet for
XYZ(68.5992, 72.0653, 66.7181)
contains.

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Color

**XYZ(68.6858, 72.1562,
66.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCCB
RGB	229, 220, 203
RGB Percent	90%, 86%, 80%
CMY	0.1020, 0.1372, 0.2039
CMYK	0.00, 0.04, 0.11, 0.10
HSL	39°, 33%, 85%
HSV	39°, 11%, 90%
XYZ	68.6858, 72.1562, 66.8073
YIQ	220.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

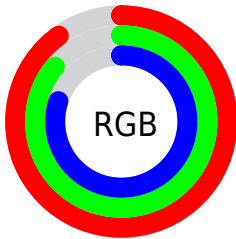
Format	Color
R_{YB}	217, 229, 203
Decimal	15064267
CIE Lab	88.04, 0.23, 9.44
CIE LCh	88, 9.440, 88.631
Yxy	72.1562, 0.3308, 0.3475
Android (android.graphics.Color)	4293254347 (0xFFE5DCCB)
YUV	220.7530, -8.7522, 7.2326
Hunter-Lab	84.9448, -4.3195, 12.8310

Details

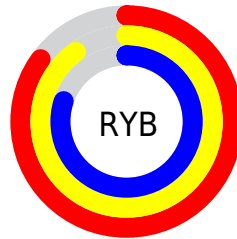
The XYZ color **68.6858, 72.1562, 66.8073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3148, 65.4394, 83.4762**, and the grayscale version is **68.6098, 72.1828, 78.6071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1135, 37.9644, 33.8583** is the 20% darker color. If you saturate the color by 10%, you get **64.1261, 67.0858, 52.8033**, and if you desaturate by 10%, it is **73.7512, 77.5914, 82.9703**.

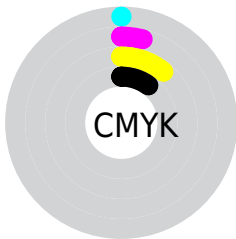
Distribution



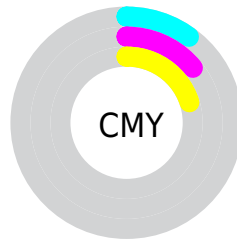
- Red (90%)
- Green (86%)
- Blue (80%)



- Red (85%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6858, 72.1562, 66.8073 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 68.6858, 72.1562, 66.8073 by changing the saturation by 10% instead.

68.6858, 72.1562,
66.8073

68.6858, 72.1562,
66.8073

445.2607,
468.0851, 467.7413

50.7316, 53.2863,
48.4674

116.3692,
122.2786, 116.2823

36.2152, 38.0314,
33.8346

146.8291,
154.2998, 148.2545

24.7713, 26.0070,
22.4902

182.1883,
191.4737, 185.6078

16.0346, 16.8289,
14.0158

222.8121,
234.1844, 228.7609

9.6396, 10.1126,
7.9928

269.0659,
282.8166, 278.1323

5.2211, 5.4737,
4.0026

321.3150,

2.4137, 2.5278,

337.7545, 334.1404

1.6268

379.9249,
399.3825, 397.2040

■ 0.8519, 0.8905,
0.3098

■ 0.0000, 0.0000,
0.0000

■ 68.6858, 72.1562,
66.8073

■ 68.6858, 72.1562,
66.8073

■ 64.1261, 67.0858,
52.8033

■ 73.7512, 77.5914,
82.9703

■ 60.0472, 62.3609,
40.8605

■ 79.3342, 83.3910,
101.3753

■ 56.4308, 57.9743,
30.8805

■ 82.6464, 88.4442,
107.3233

■ 53.2550, 53.9150,
22.7548

■ 85.0791, 93.3095,
108.1341

■ 50.4958, 50.1712,
16.3643

■ 86.1234, 95.3982,
108.4822

■ 48.1266, 46.7298,
11.5760

■ 46.1169, 43.5763,
8.2373

■ 44.4308, 40.6937,
6.1655

■ 43.1830, 38.3974,
5.1354

Harmonies

Analogous

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



70.8614, 72.1562, 68.4445



68.6858, 72.1562, 66.8073



66.5280, 72.1562, 68.1746

Triad

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



68.6858, 72.1562, 66.8073



64.8509, 72.1562, 84.6601



72.3469, 72.1562, 85.2006

Complementary

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



68.6858, 72.1562, 66.8073



62.3148, 65.4394, 83.4762

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.



70.6785, 72.1562, 89.9627



68.6858, 72.1562, 66.8073



66.3526, 72.1562, 89.6388

Square

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



68.6858, 72.1562, 66.8073



64.3433, 72.1562, 78.2699



68.4789, 72.1562, 91.6290



73.0036, 72.1562, 78.8625

Rectangle

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



68.6858, 72.1562, 66.8073



65.3833, 72.1562, 70.6505



68.4789, 72.1562, 91.6290



71.8840, 72.1562, 87.0513

Sweetspot

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



68.6878, 72.1594, 66.8088



93.0040, 97.8399, 102.2623



65.5662, 64.1294, 71.2770



19.7918, 20.8197, 21.5180



0.0000, 0.0000, 0.0000



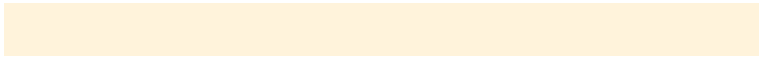
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6878, 72.1594, 66.8088



86.0111, 90.2811, 80.1178



69.8822, 76.3749, 67.5596



15.1598, 15.9336, 15.1809



24.8062, 22.1866, 2.9750



1.9190, 1.8113, 0.2485

Inverse Universe

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



62.3148, 65.4394, 83.4762



76.1124, 79.8440, 106.0076



61.2039, 61.6211, 82.7978



13.9886, 14.6985, 18.2442



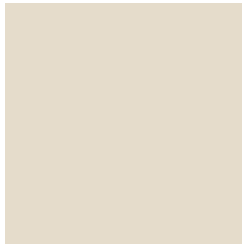
9.7957, 6.6535, 43.1511



0.8081, 0.6602, 3.2168

Previews

White Background



This preview shows how the XYZ color 68.6858, 72.1562, 66.8073 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 68.6858, 72.1562, 66.8073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

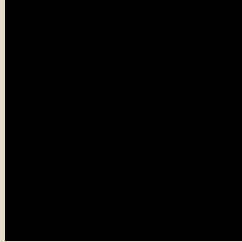
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6858, 72.1562, 66.8073

Background



This preview shows how black text looks on a background with the XYZ color 68.6858, 72.1562, 66.8073.

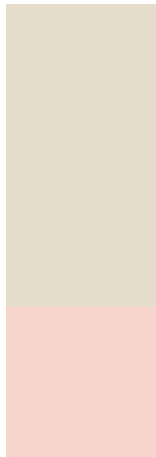


This preview shows how white text looks on a background with the XYZ color 68.6858, 72.1562,

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

68.6858, 72.1562, 66.8073

Protanopia

68.6858, 72.1562, 66.8073

Deuteranopia

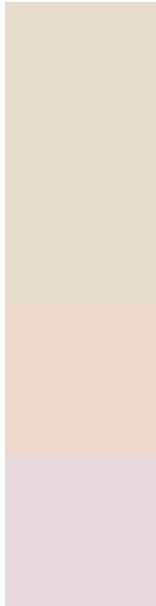
73.4047, 71.9046, 67.1369



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

68.6858, 72.1562, 66.8073

Protanomaly

68.6858, 72.1562, 66.8073

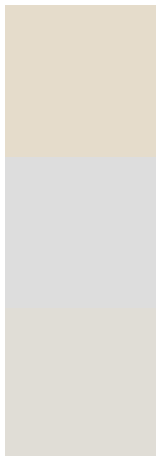
Deuteranomaly

71.7306, 72.1721, 67.2767

Tritanomaly

71.2764, 72.0554, 79.2587

Monochromacy



Original Color

68.6858, 72.1562, 66.8073

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7345, 72.4152, 73.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6858, 72.1562, 66.8073 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(229, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 203)  
}
```

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(229, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 203) }
```

Border

The CSS property to change the border of an element to XYZ 68.6858, 72.1562, 66.8073 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(229, 220, 203) }
```


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

```
.border{ border-color:rgb(229, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6858, 72.1562, 66.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 203) }
```

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

```
.background{ background-color: rgb(229,  
220, 203) }
```

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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