

Converting Colors

XYZ(67.1566, 72.7865, 73.2355)

Have a look what the booklet for
XYZ(67.1566, 72.7865, 73.2355)
contains.

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Color

**XYZ(67.2812, 72.8671,
73.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E0D5
RGB	217, 224, 213
RGB Percent	85%, 88%, 84%
CMY	0.1490, 0.1215, 0.1647
CMYK	0.03, 0.00, 0.05, 0.12
HSL	98°, 15%, 86%
HSV	98°, 5%, 88%
XYZ	67.2812, 72.8671, 73.4695
YIQ	220.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

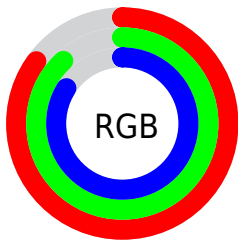
Format	Color
R_{YB}	213, 224, 220
Decimal	14278869
CIE Lab	88.38, -4.32, 4.55
CIE LCh	88, 6.278, 133.510
Yxy	72.8671, 0.3150, 0.3411
Android (android.graphics.Color)	4292468949 (0xFFD9E0D5)
YUV	220.6530, -3.7729, -3.2037
Hunter-Lab	85.3622, -8.6929, 8.7239

Details

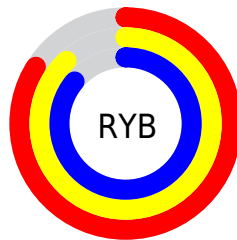
The XYZ color **67.2812, 72.8671, 73.4695** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7668, 68.1880, 80.1673**, and the grayscale version is **68.5116, 72.0796, 78.4946**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2598, 38.5259, 37.9256** is the 20% darker color. If you saturate the color by 10%, you get **60.5760, 69.7187, 59.3248**, and if you desaturate by 10%, it is **74.7494, 76.3677, 89.7030**.

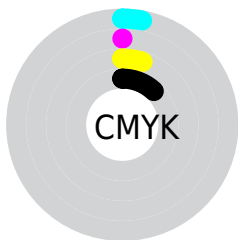
Distribution



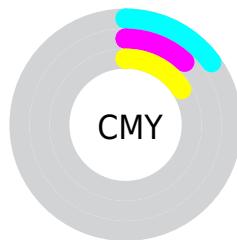
- Red (85%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2812, 72.8671, 73.4695 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 67.2812, 72.8671, 73.4695 by changing the saturation by 10% instead.

■ 67.2812, 72.8671,
73.4695

■ 67.2812, 72.8671,
73.4695

440.3618,
470.5541, 491.7548

■ 49.5847, 53.8673,
53.8658

114.3708,
123.2885, 125.8706

■ 35.3000, 38.4956,
38.1019

144.4947,
155.4789, 159.5051

■ 24.0616, 26.3675,
25.7594

179.4917,
192.8350, 198.6535

■ 15.5043, 17.0988,
16.4196

219.7273,
235.7411, 243.7345

■ 9.2627, 10.3050,
9.6640

265.5667,
284.5817, 295.1666

■ 4.9714, 5.6016,
5.0741

317.3753,

■ 2.2651, 2.6044,

339.7411, 353.3683

2.2313

375.5186,
401.6038, 418.7582

■ 0.7767, 0.9289,
0.6923

■ 0.0000, 0.0000,
0.0000

■ 67.2812, 72.8671,
73.4695

■ 67.2812, 72.8671,
73.4695

■ 60.5760, 69.7187,
59.3248

■ 74.7494, 76.3677,
89.7030

■ 54.6026, 66.9019,
47.1794

■ 82.5440, 80.0398,
105.7064

■ 49.3362, 64.4081,
36.9444

■ 85.9471, 81.7941,
105.8657

■ 44.7485, 62.2247,
28.5224

■ 40.8089, 60.3383,
21.8073

■ 37.4843, 58.7344,
16.6820

■ 34.7382, 57.3971,
13.0147

■ 32.5293, 56.3084,
10.6522

■ 30.8090, 55.4473,
9.4074

Harmonies

Analogous

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



68.5829, 72.8671, 71.5378



67.2812, 72.8671, 73.4695



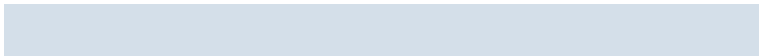
66.5153, 72.8671, 77.0065

Triad

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



67.2812, 72.8671, 73.4695



68.4384, 72.8671, 87.5701



72.1152, 72.8671, 77.4161

Complementary

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



67.2812, 72.8671, 73.4695



66.7668, 68.1880, 80.1673

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.



72.0751, 72.8671, 81.7199



67.2812, 72.8671, 73.4695



69.9375, 72.8671, 87.6896

Square

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



67.2812, 72.8671, 73.4695



67.1767, 72.8671, 85.1944



71.2731, 72.8671, 85.5149



71.3818, 72.8671, 73.7599

Rectangle

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



67.2812, 72.8671, 73.4695



66.4045, 72.8671, 79.8493



71.2731, 72.8671, 85.5149



72.1920, 72.8671, 78.8327

Sweetspot

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



67.2832, 72.8702, 73.4711



94.0475, 99.5303, 106.7242



68.3380, 71.8233, 73.2134



20.1406, 21.3085, 22.8663



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.



67.2832, 72.8702, 73.4711



89.1912, 97.2530, 96.2754



66.2957, 72.3395, 74.4015



14.4202, 15.7773, 15.4743



17.6272, 32.1196, 5.2707



1.3177, 2.2758, 0.3698

Inverse Universe

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



66.7668, 68.1880, 80.1673



88.3452, 89.5841, 107.2429



67.7938, 68.7403, 79.1810



14.2702, 14.4179, 17.4185



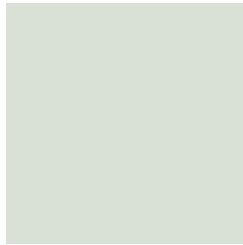
14.5126, 6.5768, 41.5529



1.1031, 0.5059, 2.8848

Previews

White Background



This preview shows how the XYZ color 67.2812, 72.8671, 73.4695 looks on a white background.

Color Contrast Check

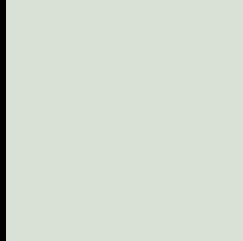
Large Text (above 18pt) WCAG AA × Fail

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 67.2812, 72.8671, 73.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

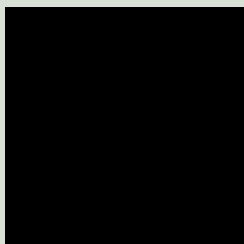
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

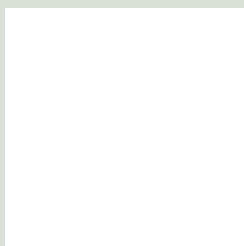
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2812, 72.8671, 73.4695

Background



This preview shows how black text looks on a background with the XYZ color 67.2812, 72.8671, 73.4695.

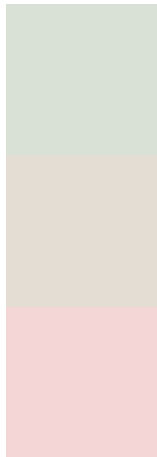


This preview shows how white text looks on a background with the XYZ color 67.2812, 72.8671,

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

67.2812, 72.8671, 73.4695

Protanopia

69.6092, 72.9100, 72.0323

Deuteranopia

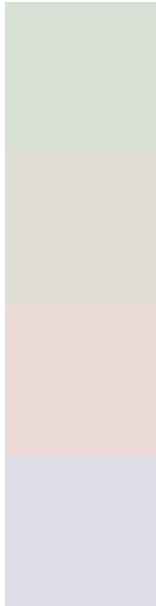
73.9685, 72.4119, 74.3683



Tritanopia

70.8446, 72.7316, 91.1936

Trichromacy



Original Color

67.2812, 72.8671, 73.4695

Protanomaly

68.7454, 72.8433, 72.7242

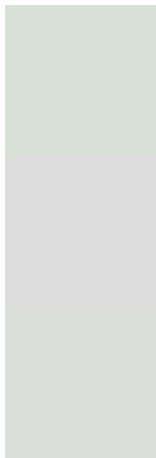
Deuteranomaly

71.4700, 72.6600, 73.8762

Tritanomaly

69.5145, 72.5857, 84.4754

Monochromacy



Original Color

67.2812, 72.8671, 73.4695

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2914, 72.5202, 76.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2812, 72.8671, 73.4695 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(217, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 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(217, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.2812, 72.8671, 73.4695 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(217, 224, 213) }
```


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

```
.border{ border-color:rgb(217, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2812, 72.8671, 73.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 213) }
```

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

```
.background{ background-color: rgb(217,  
224, 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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