

Converting Colors

XYZ(67.8591, 72.3124, 76.0268)

Have a look what the booklet for
XYZ(67.8591, 72.3124, 76.0268)
contains.

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Color

**XYZ(67.8591, 72.3124,
76.0268)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDED9
RGB	219, 222, 217
RGB Percent	86%, 87%, 85%
CMY	0.1412, 0.1294, 0.1490
CMYK	0.01, 0.00, 0.02, 0.13
HSL	96°, 7%, 86%
HSV	96°, 2%, 87%
XYZ	67.8591, 72.3124, 76.0268
YIQ	220.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

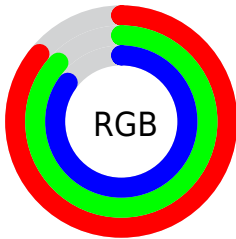
Format	Color
R_{YB}	217, 222, 220
Decimal	14409433
CIE Lab	88.12, -1.91, 2.08
CIE LCh	88, 2.823, 132.449
Yxy	72.3124, 0.3139, 0.3345
Android (android.graphics.Color)	4292599513 (0xFFDBDED9)
YUV	220.5330, -1.7418, -1.3444
Hunter-Lab	85.0367, -6.3716, 6.5176

Details

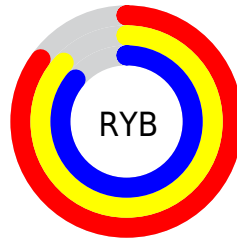
The XYZ color **67.8591, 72.3124, 76.0268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5157, 70.1173, 79.0865**, and the grayscale version is **68.4136, 71.9765, 78.3824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6501, 38.1386, 39.6649** is the 20% darker color. If you saturate the color by 10%, you get **61.3136, 69.2517, 61.6473**, and if you desaturate by 10%, it is **75.1183, 75.7003, 92.4705**.

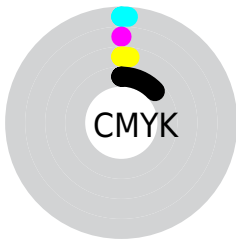
Distribution



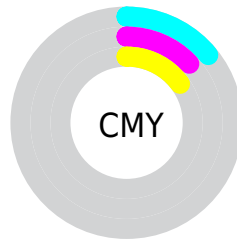
- Red (86%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8591, 72.3124, 76.0268 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 67.8591, 72.3124, 76.0268 by changing the saturation by 10% instead.

■ 67.8591, 72.3124,
76.0268

■ 67.8591, 72.3124,
76.0268

442.3812,
468.6282, 500.7887

■ 50.0564, 53.4139,
55.9477

115.1936,
122.5006, 129.5252

■ 35.6762, 38.1333,
39.7573

145.4560,
154.5591, 163.7816

■ 24.3532, 26.0862,
27.0370

180.6024,
191.7730, 203.6009

■ 15.7219, 16.8881,
17.3683

220.9981,
234.5268, 249.4015

■ 9.4172, 10.1547,
10.3327

267.0085,
283.2048, 301.6021

■ 5.0736, 5.5017,
5.5116

318.9989,

■ 2.3257, 2.5445,

338.1914, 360.6211

2.4865

377.3347,
399.8711, 426.8771

■ 0.8078, 0.8989,
0.8330

■ 0.0000, 0.0000,
0.0000

■ 67.8591, 72.3124,
76.0268

■ 67.8591, 72.3124,
76.0268

■ 61.3136, 69.2517,
61.6473

■ 75.1183, 75.7003,
92.4705

■ 55.4528, 66.4987,
49.2457

■ 82.0585, 78.9962,
105.5306

■ 50.2546, 64.0462,
38.7368

■ 85.4127, 80.7254,
105.6876

■ 45.6931, 61.8827,
30.0273

■ 41.7410, 59.9964,
23.0159

■ 38.3683, 58.3743,
17.5913

■ 35.5422, 57.0021,
13.6290

■ 33.2259, 55.8642,
10.9858

■ 31.3766, 54.9420,
9.4896

Harmonies

Analogous

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



68.4515, 72.3124, 75.1642



67.8591, 72.3124, 76.0268



67.5016, 72.3124, 77.6211

Triad

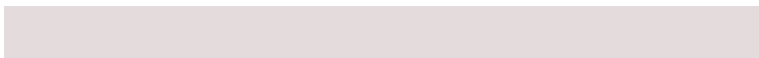
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8591, 72.3124, 76.0268



68.3404, 72.3124, 82.3308



70.0050, 72.3124, 77.9379

Complementary

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



67.8591, 72.3124, 76.0268



67.5157, 70.1173, 79.0865

Split Complementary

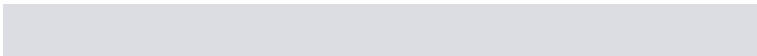
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9748, 72.3124, 79.8613



67.8591, 72.3124, 76.0268



69.0107, 72.3124, 82.4190

Square

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



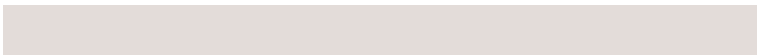
67.8591, 72.3124, 76.0268



67.7782, 72.3124, 81.2696



69.6099, 72.3124, 81.5086



69.6922, 72.3124, 76.2554

Rectangle

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



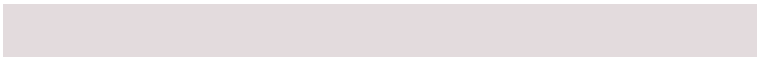
67.8591, 72.3124, 76.0268



67.4431, 72.3124, 78.8948



69.6099, 72.3124, 81.5086



70.0347, 72.3124, 78.5773

Sweetspot

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



67.8611, 72.3155, 76.0284



94.0811, 99.5477, 106.7258



68.2446, 71.7287, 75.8949



20.1475, 21.3121, 22.8666



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.



67.8611, 72.3155, 76.0284



92.1731, 98.6564, 102.4637



67.3282, 72.0333, 76.3437



14.8768, 15.9925, 16.4099



18.0645, 32.3451, 5.2911



1.3512, 2.2930, 0.3714

Inverse Universe

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



67.5157, 70.1173, 79.0865



91.5420, 94.6405, 108.0504



68.0577, 70.4044, 78.7623



14.7491, 15.1799, 17.5403



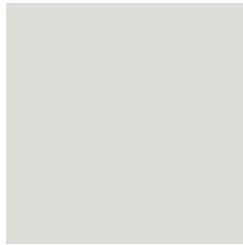
13.7314, 6.1741, 41.5164



1.0520, 0.4796, 2.8824

Previews

White Background



This preview shows how the XYZ color 67.8591, 72.3124, 76.0268 looks on a white background.

Color Contrast Check

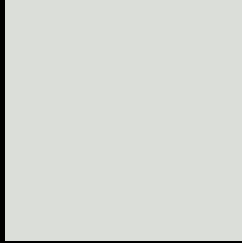
Large Text (above 18pt) WCAG AA × Fail

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 67.8591, 72.3124, 76.0268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

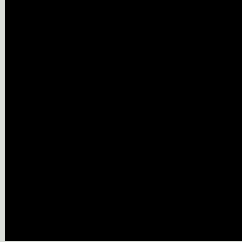
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

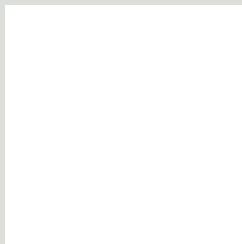
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8591, 72.3124, 76.0268

Background



This preview shows how black text looks on a background with the XYZ color 67.8591, 72.3124, 76.0268.

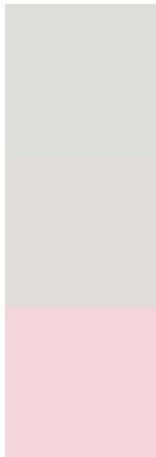


This preview shows how white text looks on a background with the XYZ color 67.8591, 72.3124,

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

67.8591, 72.3124, 76.0268

Protanopia

69.3519, 72.3130, 75.2683

Deuteranopia

73.7949, 72.2623, 77.0764



Tritanopia

70.5960, 72.2488, 89.5815

Trichromacy



Original Color

67.8591, 72.3124, 76.0268

Protanomaly

68.6825, 72.3587, 75.3124

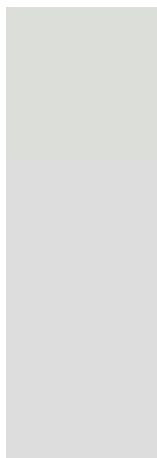
Deuteranomaly

71.3994, 72.1801, 76.4987

Tritanomaly

69.5549, 72.2157, 84.4018

Monochromacy



Original Color

67.8591, 72.3124, 76.0268

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2899, 72.0959, 78.0268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8591, 72.3124, 76.0268 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(219, 222, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 217)  
}
```

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(219, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.8591, 72.3124, 76.0268 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(219, 222, 217) }
```


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

```
.border{ border-color:rgb(219, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(219, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8591, 72.3124, 76.0268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 217) }
```

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

```
.background{ background-color: rgb(219,  
222, 217) }
```

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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