

Converting Colors

XYZ(67.5630, 72.3932, 76.2130)

Have a look what the booklet for
XYZ(67.5630, 72.3932, 76.2130)
contains.

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Color

**XYZ(67.5273, 72.5368,
76.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DFD9
RGB	217, 223, 217
RGB Percent	85%, 87%, 85%
CMY	0.1490, 0.1255, 0.1490
CMYK	0.03, 0.00, 0.03, 0.13
HSL	120°, 9%, 86%
HSV	120°, 3%, 87%
XYZ	67.5273, 72.5368, 76.0876
YIQ	220.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

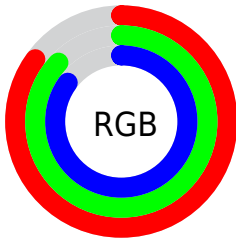
Format	Color
R _Y B	217, 223, 223
Decimal	14278617
CIE Lab	88.23, -3.10, 2.22
CIE LCh	88, 3.812, 144.366
Yxy	72.5368, 0.3124, 0.3356
Android (android.graphics.Color)	4292468697 (0xFFD9DFD9)
YUV	220.5220, -1.7363, -3.0888
Hunter-Lab	85.1685, -7.5182, 6.6497

Details

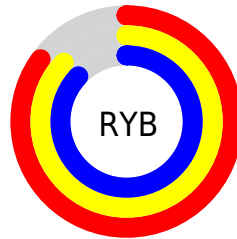
The XYZ color **67.5273, 72.5368, 76.0876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5662, 70.6432, 79.8372**, and the grayscale version is **68.4066, 71.9690, 78.3743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4245, 38.2953, 39.7071** is the 20% darker color. If you saturate the color by 10%, you get **58.6342, 68.2671, 61.5400**, and if you desaturate by 10%, it is **77.7122, 77.4313, 92.7445**.

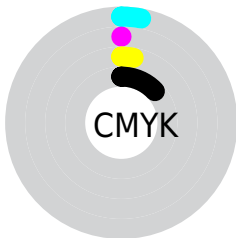
Distribution



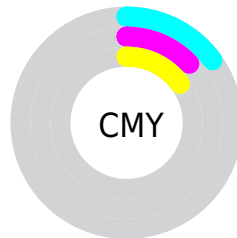
- Red (85%)
- Green (87%)
- Blue (85%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5273, 72.5368, 76.0876 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 67.5273, 72.5368, 76.0876 by changing the saturation by 10% instead.

■ 67.5273, 72.5368,
76.0876

■ 67.5273, 72.5368,
76.0876

441.2224,
469.4079, 501.0023

■ 49.7855, 53.5973,
55.9973

114.7213,
122.8194, 129.6119

■ 35.4601, 38.2798,
39.7967

144.9042,
154.9313, 163.8830

■ 24.1857, 26.1999,
27.0675

179.9649,
192.2028, 203.7181

■ 15.5969, 16.9733,
17.3911

220.2688,
235.0183, 249.5357

■ 9.3284, 10.2154,
10.3488

266.1811,
283.7621, 301.7544

■ 5.0148, 5.5420,
5.5222

318.0672,

■ 2.2908, 2.5687,

338.8187, 360.7927

2.4928

376.2925,
400.5725, 427.0692

■ 0.7900, 0.9109,
0.8363

■ 0.0000, 0.0000,
0.0000

■ 67.5273, 72.5368,
76.0876

■ 67.5273, 72.5368,
76.0876

■ 58.6342, 68.2671,
61.5400

■ 77.7122, 77.4313,
92.7445

■ 50.9755, 64.5882,
49.0130

■ 85.6791, 81.2582,
105.7764

■ 44.4985, 61.4770,
38.4189

■ 39.1444, 58.9052,
29.6613

■ 34.8494, 56.8420,
22.6360

■ 31.5432, 55.2539,
17.2279

■ 29.1470, 54.1029,
13.3084

■ 27.5703, 53.3456,
10.7291

■ 26.7037, 52.9293,
9.3113

Harmonies

Analogous

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



68.2224, 72.5368, 74.4891



67.5273, 72.5368, 76.0876



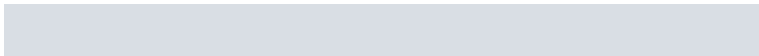
67.2120, 72.5368, 78.4877

Triad

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



67.5273, 72.5368, 76.0876



68.7719, 72.5368, 84.0892



70.5553, 72.5368, 76.9245

Complementary

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



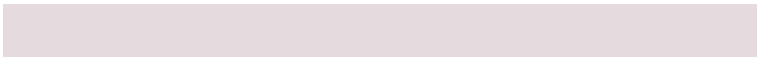
67.5273, 72.5368, 76.0876



68.5662, 70.6432, 79.8372

Split Complementary

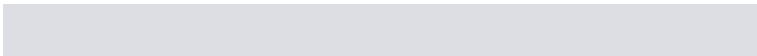
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7056, 72.5368, 79.4748



67.5273, 72.5368, 76.0876



69.6707, 72.5368, 83.6484

Square

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



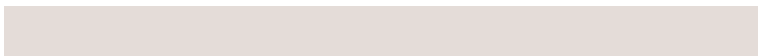
67.5273, 72.5368, 76.0876



67.9265, 72.5368, 83.1367



70.3805, 72.5368, 81.9453



69.9717, 72.5368, 74.9647

Rectangle

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



67.5273, 72.5368, 76.0876



67.2576, 72.5368, 80.2340



70.3805, 72.5368, 81.9453



70.6584, 72.5368, 77.7396

Sweetspot

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



67.5293, 72.5399, 76.0892



93.7102, 99.3564, 106.7086



69.3467, 73.4768, 76.1740



20.0720, 21.2731, 22.8631



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.



67.5293, 72.5399, 76.0892



91.0840, 98.0949, 102.4130



67.9234, 72.6976, 78.1645



14.6571, 15.8792, 16.3997



15.5156, 31.0311, 5.1721



1.0755, 2.1509, 0.3586

Inverse Universe

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



68.5662, 70.6432, 79.8372



92.6578, 95.2158, 108.1023



68.1649, 70.4827, 77.7243



14.9756, 15.2967, 17.5509



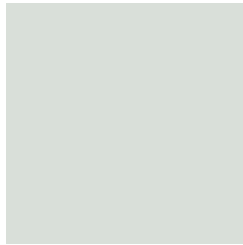
25.7238, 12.3565, 42.0727



1.7830, 0.8565, 2.9163

Previews

White Background



This preview shows how the XYZ color 67.5273, 72.5368, 76.0876 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 67.5273, 72.5368, 76.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

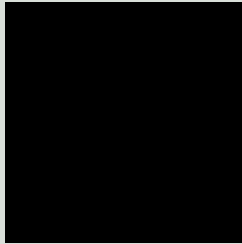
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

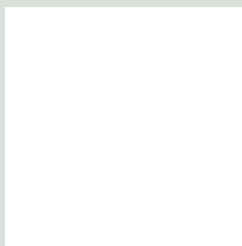
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5273, 72.5368, 76.0876

Background



This preview shows how black text looks on a background with the XYZ color 67.5273, 72.5368, 76.0876.

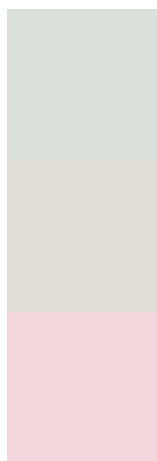


This preview shows how white text looks on a background with the XYZ color 67.5273, 72.5368,

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

67.5273, 72.5368, 76.0876

Protanopia

69.2230, 72.2614, 74.5894

Deuteranopia

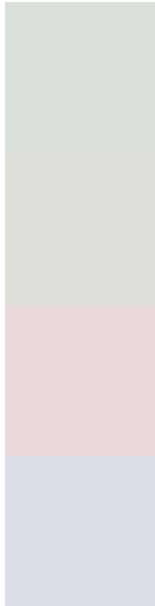
73.7949, 72.2623, 77.0764



Tritanopia

70.3945, 72.5165, 90.4077

Trichromacy



Original Color

67.5273, 72.5368, 76.0876

Protanomaly

68.6825, 72.3587, 75.3124

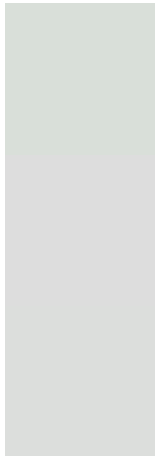
Deuteranomaly

71.3994, 72.1801, 76.4987

Tritanomaly

69.3528, 72.4861, 85.1989

Monochromacy



Original Color

67.5273, 72.5368, 76.0876

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5547, 72.6255, 78.1150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5273, 72.5368, 76.0876 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, 223, 217) looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 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(217, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.5273, 72.5368, 76.0876 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, 223, 217) }
```


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

```
.border{ border-color:rgb(217, 223, 217) }
```

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

Here you see how a box with a 4 pixel rgb(217, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5273, 72.5368, 76.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 217) }
```

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

```
.background{ background-color: rgb(217,  
223, 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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