

Converting Colors

XYZ(67.4737, 72.4507, 78.7018)

Have a look what the booklet for
XYZ(67.4737, 72.4507, 78.7018)
contains.

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Color

**XYZ(67.4632, 72.4429,
78.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DFDD
RGB	215, 223, 221
RGB Percent	84%, 87%, 87%
CMY	0.1569, 0.1255, 0.1333
CMYK	0.04, 0.00, 0.01, 0.13
HSL	165°, 11%, 86%
HSV	165°, 4%, 87%
XYZ	67.4632, 72.4429, 78.8338
YIQ	220.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

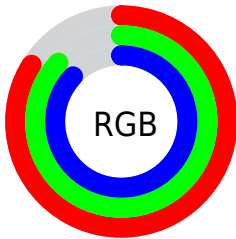
Format	Color
R _Y B	215, 220, 223
Decimal	14147549
CIE Lab	88.18, -3.05, 0.03
CIE LCh	88, 3.046, 179.369
Yxy	72.4429, 0.3084, 0.3312
Android (android.graphics.Color)	4292337629 (0xFFD7DFDD)
YUV	220.3800, 0.3057, -4.7183
Hunter-Lab	85.1134, -7.4645, 4.6637

Details

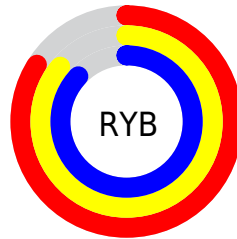
The XYZ color **67.4632, 72.4429, 78.8338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2590, 69.3006, 75.4807**, and the grayscale version is **68.2947, 71.8513, 78.2461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3828, 38.2320, 41.5910** is the 20% darker color. If you saturate the color by 10%, you get **60.6249, 69.0042, 74.6964**, and if you desaturate by 10%, it is **75.2229, 76.3578, 83.1465**.

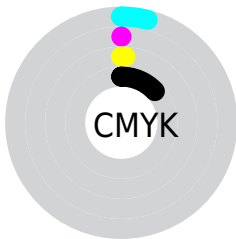
Distribution



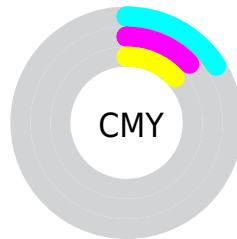
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4632, 72.4429, 78.8338 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 67.4632, 72.4429, 78.8338 by changing the saturation by 10% instead.

■ 67.4632, 72.4429,
78.8338

■ 67.4632, 72.4429,
78.8338

440.9984,
469.0817, 510.5967

■ 49.7332, 53.5206,
58.2387

114.6300,
122.6860, 133.5214

■ 35.4184, 38.2185,
41.5846

144.7976,
154.7756, 168.4509

■ 24.1534, 26.1523,
28.4530

179.8417,
192.0230, 208.9957

■ 15.5728, 16.9376,
18.4254

220.1278,
234.8126, 255.5742

■ 9.3113, 10.1900,
11.0833

266.0211,
283.5289, 308.6050

■ 5.0035, 5.5251,
6.0080

317.8871,

■ 2.2841, 2.5585,

338.5563, 368.5067

2.7811

376.0910,
400.2791, 435.6977

■ 0.7865, 0.9059,
0.9840

■ 0.0000, 0.0000,
0.0000

■ 67.4632, 72.4429,
78.8338

■ 67.4632, 72.4429,
78.8338

■ 60.6249, 69.0042,
74.6964

■ 75.2229, 76.3578,
83.1465

■ 54.6658, 66.0139,
70.7265

■ 82.2183, 79.8738,
87.5522

■ 49.5494, 63.4552,
66.9227

■ 83.0249, 80.1965,
91.7999

■ 45.2343, 61.3068,
63.2818

■ 83.8570, 80.5293,
96.1815

■ 41.6754, 59.5455,
59.8004

■ 84.7147, 80.8724,
100.6983

■ 38.8233, 58.1458,
56.4748

■ 85.5983, 81.2258,
105.3513

■ 36.6221, 57.0790,
53.3011

■ 85.6791, 81.2581,
105.7764

■ 35.0078, 56.3121,
50.2749

■ 33.9023, 55.8049,
47.3912

Harmonies

Analogous

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



67.6562, 72.4429, 76.8510



67.4632, 72.4429, 78.8338



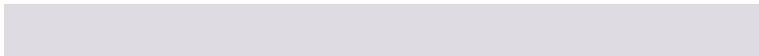
67.6409, 72.4429, 80.8624

Triad

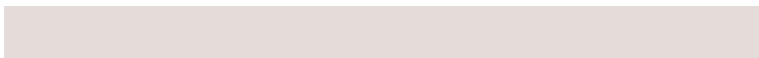
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4632, 72.4429, 78.8338



69.5443, 72.4429, 82.4271



69.5712, 72.4429, 75.4752

Complementary

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



67.4632, 72.4429, 78.8338



67.2590, 69.3006, 75.4807

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.



70.0831, 72.4429, 76.9263



67.4632, 72.4429, 78.8338



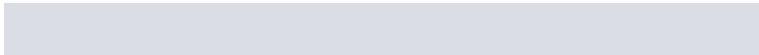
70.0675, 72.4429, 80.9403

Square

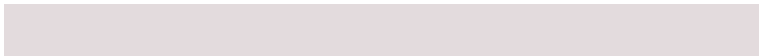
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4632, 72.4429, 78.8338



68.8394, 72.4429, 82.9590



70.2654, 72.4429, 78.9222



68.8702, 72.4429, 74.9331

Rectangle

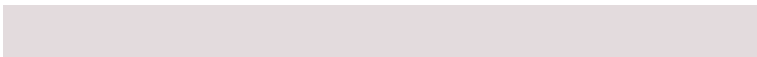
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



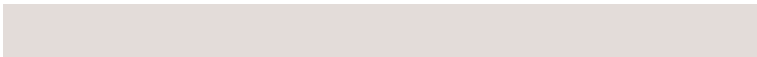
67.4632, 72.4429, 78.8338



67.9464, 72.4429, 81.9628



70.2654, 72.4429, 78.9222



69.7713, 72.4429, 75.8716

Sweetspot

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



67.4653, 72.4460, 78.8354



94.0154, 99.4785, 108.3160



67.3107, 72.4571, 74.7291



20.1341, 21.2980, 23.1903



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.



67.4653, 72.4460, 78.8354



90.9880, 97.9531, 106.5782



67.2376, 71.5610, 80.0845



14.6885, 15.8762, 17.2702



19.6737, 32.6943, 27.0685



1.3988, 2.2802, 2.0613

Inverse Universe

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



67.2590, 69.3006, 75.4807



90.6750, 93.1811, 101.4886



67.4781, 70.1535, 74.2757



14.6291, 14.9706, 16.3044



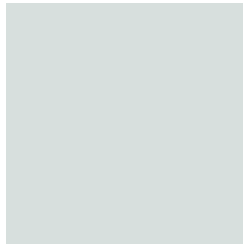
18.3487, 9.4065, 3.2361



1.3074, 0.6662, 0.4117

Previews

White Background



This preview shows how the XYZ color 67.4632, 72.4429, 78.8338 looks on a white background.

Color Contrast Check

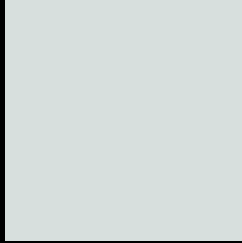
Large Text (above 18pt) WCAG AA × Fail

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 67.4632, 72.4429, 78.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

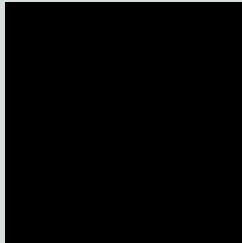
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

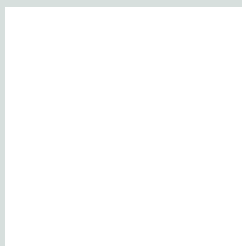
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4632, 72.4429, 78.8338

Background



This preview shows how black text looks on a background with the XYZ color 67.4632, 72.4429, 78.8338.

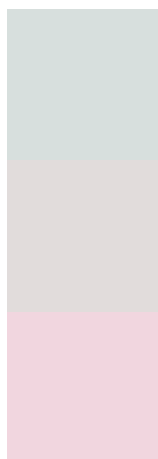


This preview shows how white text looks on a background with the XYZ color 67.4632, 72.4429,

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

67.4632, 72.4429, 78.8338

Protanopia

69.4307, 72.3084, 77.3154

Deuteranopia

73.6415, 72.1216, 79.8516



Tritanopia

69.9393, 72.2649, 91.1512

Trichromacy



Original Color

67.4632, 72.4429, 78.8338

Protanomaly

68.5935, 72.2524, 78.0410

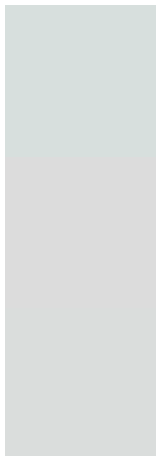
Deuteranomaly

71.2764, 72.0554, 79.2587

Tritanomaly

69.0372, 72.2908, 86.6588

Monochromacy



Original Color

67.4632, 72.4429, 78.8338

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6882, 71.7856, 77.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4632, 72.4429, 78.8338 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(215, 223, 221) looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 221)  
}
```

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(215, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.4632, 72.4429, 78.8338 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(215, 223, 221) }
```


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

```
.border{ border-color:rgb(215, 223, 221) }
```

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

Here you see how a box with a 4 pixel rgb(215, 223, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4632, 72.4429, 78.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 221) }
```

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

```
.background{ background-color: rgb(215,  
223, 221) }
```

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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