

Converting Colors

XYZ(67.2712, 72.7221, 80.6260)

Have a look what the booklet for
XYZ(67.2712, 72.7221, 80.6260)
contains.

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Color

**XYZ(67.1263, 72.6361,
80.2943)**

Conversions

Conversions Part 1	
Format	Color
Hex	D4E0DF
RGB	212, 224, 223
RGB Percent	83%, 88%, 87%
CMY	0.1686, 0.1215, 0.1255
CMYK	0.05, 0.00, 0.00, 0.12
HSL	175°, 16%, 85%
HSV	175°, 5%, 88%
XYZ	67.1263, 72.6361, 80.2943
YIQ	220.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

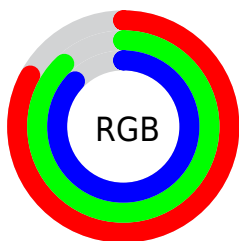
Format	Color
RYB	212, 218, 224
Decimal	13951199
CIELab	88.27, -4.19, -0.91
CIELCh	88, 4.286, 192.247
Yxy	72.6361, 0.3050, 0.3301
Android (android.graphics.Color)	4292141279 (0xFFD4E0DF)
YUV	220.2980, 1.3321, -7.2773
Hunter-Lab	85.2268, -8.5568, 3.8002

Details

The XYZ color **67.1263, 72.6361, 80.2943** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2968, 67.7402, 72.5351**, and the grayscale version is **68.2317, 71.7851, 78.1740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1605, 38.3712, 42.5990** is the 20% darker color. If you saturate the color by 10%, you get **60.8610, 69.4373, 78.6916**, and if you desaturate by 10%, it is **74.2944, 76.3041, 81.9568**.

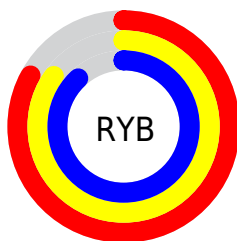
Distribution



Red (83%)

Green (88%)

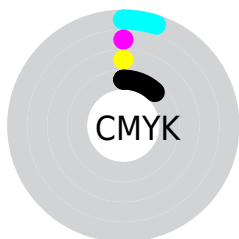
Blue (87%)



Red (83%)

Yellow (85%)

Blue (88%)

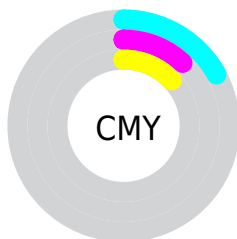


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (17%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1263, 72.6361, 80.2943 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 67.1263, 72.6361, 80.2943 by changing the saturation by 10% instead.


 67.1263, 72.6361,
80.2943

 67.1263, 72.6361,
80.2943


439.8196,
469.7526, 515.6570

 49.4583, 53.6785,
59.4330


114.1502,
122.9605, 135.5946

 35.1992, 38.3447,
42.5395


144.2368,
155.0960, 170.8706

 23.9836, 26.2503,
29.1952


179.1937,
192.3929, 211.7886

 15.4461, 17.0110,
18.9817

219.3862,
235.2357, 258.7670

 9.2214, 10.2423,
11.4804

265.1797,
284.0086, 312.2246

 4.9442, 5.5599,
6.2727


316.9395,


 2.2490, 2.5794,


339.0962, 372.5797


2.9401


375.0310,
400.8827, 440.2510


 0.7684, 0.9163,
1.0642


 0.0000, 0.0000,
0.0000

 67.1263, 72.6361,
80.2943


 67.1263, 72.6361,
80.2943


 60.8610, 69.4373,
78.6916

 74.2944, 76.3041,
81.9568

 55.4557, 66.6794,
77.1422


 81.7273, 80.1062,
83.6449

 50.8732, 64.3454,
75.6458


 81.9869, 80.2101,
85.0119


 47.0712, 62.4135,
74.2003


 82.2493, 80.3150,
86.3938


 44.0038, 60.8599,
72.8037


 82.5146, 80.4211,
87.7905


 41.6201, 59.6585,
71.4534


 82.7827, 80.5284,
89.2022


 39.8628, 58.7797,
70.1466

 83.0536, 80.6367,
90.6289

 38.6653, 58.1891,
68.8804

 83.3274, 80.7462,
92.0707

 37.9455, 57.8445,
67.6507

 83.6040, 80.8569,
93.5275

Harmonies

Analogous

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



67.1745, 72.6361, 77.3762



67.1263, 72.6361, 80.2943



67.5867, 72.6361, 82.9525

Triad

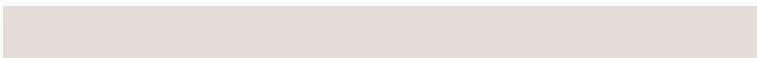
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1263, 72.6361, 80.2943



70.3748, 72.6361, 83.3498



69.6424, 72.6361, 73.8228

Complementary

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



67.1263, 72.6361, 80.2943



66.2968, 67.7402, 72.5351

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.



70.5108, 72.6361, 75.3461



67.1263, 72.6361, 80.2943



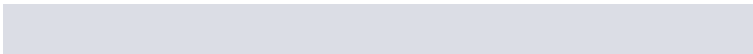
70.9365, 72.6361, 80.8256

Square

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



67.1263, 72.6361, 80.2943



69.4582, 72.6361, 84.7457



70.9865, 72.6361, 77.8946



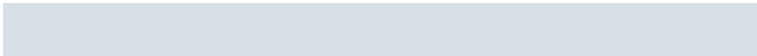
68.6203, 72.6361, 73.6886

Rectangle

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



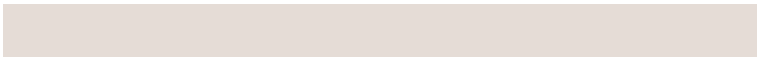
67.1263, 72.6361, 80.2943



68.1228, 72.6361, 84.2003



70.9865, 72.6361, 77.8946



69.9622, 72.6361, 74.1876

Sweetspot

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



67.1284, 72.6392, 80.2959



93.1299, 99.0181, 108.4522



66.0401, 72.2440, 72.7522



19.9537, 21.2042, 23.2180



0.0000, 0.0000, 0.0000



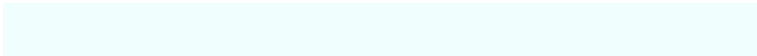
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1284, 72.6392, 80.2959



89.4381, 97.1307, 107.5659



65.9918, 70.1488, 80.5866



14.4647, 15.7560, 17.4751



21.9697, 33.6127, 39.1589



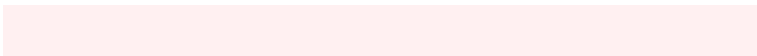
1.5376, 2.3358, 2.7922

Inverse Universe

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



66.2968, 67.7402, 72.5351



88.1859, 89.7533, 95.8790



67.3880, 70.1259, 72.2723



14.2427, 14.4483, 15.4034



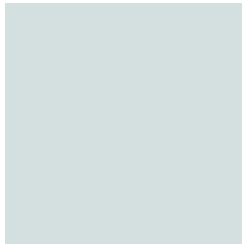
17.9774, 9.2579, 1.2807



1.2624, 0.6483, 0.1749

Previews

White Background



This preview shows how the XYZ color 67.1263, 72.6361, 80.2943 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 67.1263, 72.6361, 80.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

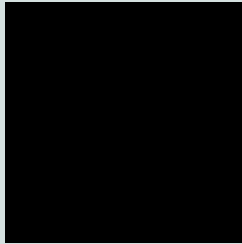
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

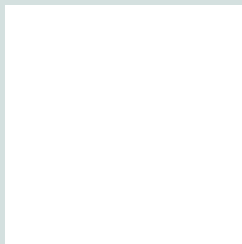
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1263, 72.6361, 80.2943

Background



This preview shows how black text looks on a background with the XYZ color 67.1263, 72.6361, 80.2943.

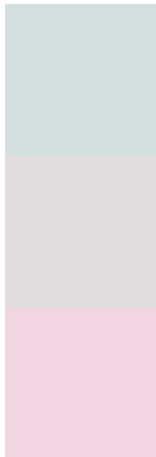


This preview shows how white text looks on a background with the XYZ color 67.1263, 72.6361, 80.2943.

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

67.1263, 72.6361, 80.2943

Protanopia

69.6957, 72.4144, 78.7106

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

69.7256, 72.9216, 92.0617

Trichromacy



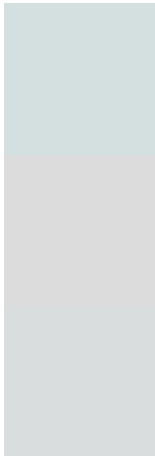
Original Color
67.1263, 72.6361, 80.2943

Protanomaly
68.5565, 72.2025, 79.4304

Deuteranomaly
71.1591, 72.3476, 80.7350

Tritanomaly
68.8272, 72.9547, 87.5449

Monochromacy



Original Color
67.1263, 72.6361, 80.2943

Achromatopsia
68.0267, 71.5694, 77.9390

Achromatomaly
67.5229, 71.6851, 78.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1263, 72.6361, 80.2943 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(212, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 223)  
}
```

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(212, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 67.1263, 72.6361, 80.2943 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(212, 224, 223) }
```

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

```
.border{ border-color:rgb(212, 224, 223) }
```

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

Here you see how a box with a 4 pixel rgb(212, 224, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1263, 72.6361, 80.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 223) }
```

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

```
.background{ background-color: rgb(212,  
224, 223) }
```

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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