

Converting Colors

XYZ(67.0790, 72.1207, 80.5691)

Have a look what the booklet for
XYZ(67.0790, 72.1207, 80.5691)
contains.

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Color

**XYZ(67.2828, 72.3033,
80.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DFE0
RGB	213, 223, 224
RGB Percent	84%, 87%, 88%
CMY	0.1647, 0.1255, 0.1216
CMYK	0.05, 0.00, 0.00, 0.12
HSL	185°, 15%, 86%
HSV	185°, 5%, 88%
XYZ	67.2828, 72.3033, 80.9308
YIQ	220.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

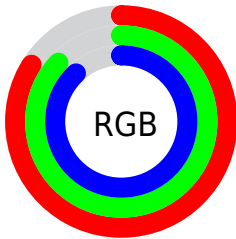
Format	Color
R _Y B	213, 218, 224
Decimal	14016480
CIE Lab	88.11, -3.16, -1.66
CIE LCh	88, 3.565, 207.755
Yxy	72.3033, 0.3051, 0.3279
Android (android.graphics.Color)	4292206560 (0xFFD5DFE0)
YUV	220.1240, 1.9109, -6.2477
Hunter-Lab	85.0313, -7.5631, 3.0911

Details

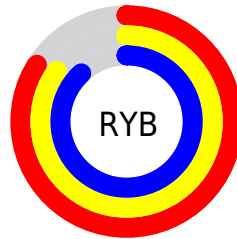
The XYZ color **67.2828, 72.3033, 80.9308** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7975, 68.7440, 72.7002**, and the grayscale version is **68.1060, 71.6528, 78.0299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2646, 38.1389, 43.0390** is the 20% darker color. If you saturate the color by 10%, you get **60.6906, 68.1068, 80.4693**, and if you desaturate by 10%, it is **74.7831, 76.9816, 81.4396**.

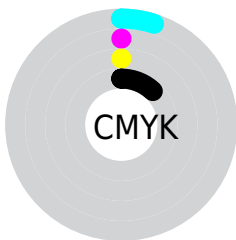
Distribution



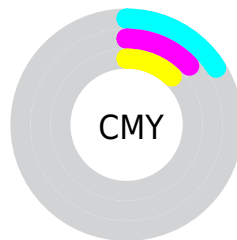
- Red (84%)
- Green (87%)
- Blue (88%)



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



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



- Cyan (16%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2828, 72.3033, 80.9308 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 67.2828, 72.3033, 80.9308 by changing the saturation by 10% instead.

■ 67.2828, 72.3033,
80.9308

■ 67.2828, 72.3033,
80.9308

440.3674,
468.5966, 517.8534

■ 49.5860, 53.4065,
59.9539

114.3731,
122.4876, 136.4968

■ 35.3010, 38.1274,
42.9565

144.4973,
154.5440, 171.9230

■ 24.0625, 26.0815,
29.5198

179.4948,
191.7555, 213.0028

■ 15.5049, 16.8847,
19.2254

219.7308,
234.5068, 260.1546

■ 9.2631, 10.1523,
11.6548

265.5707,
283.1822, 313.7970

■ 4.9717, 5.5000,
6.3894

317.3798,

■ 2.2653, 2.5435,

338.1660, 374.3486

3.0107

375.5236,
399.8427, 442.2279

■ 0.7768, 0.8984,
1.1001

■ 0.0000, 0.0000,
0.0000

■ 67.2828, 72.3033,
80.9308

■ 67.2828, 72.3033,
80.9308

■ 60.6906, 68.1068,
80.4693

■ 74.7831, 76.9816,
81.4396

■ 54.9637, 64.3640,
80.0488

■ 82.1813, 81.6149,
81.9440

■ 50.0650, 61.0577,
79.6688

■ 82.7398, 82.7320,
82.1302

■ 45.9526, 58.1663,
79.3274

■ 83.3049, 83.8622,
82.3185

42.5804, 55.6661,
79.0226

83.8766, 85.0056,
82.5091

39.8980, 53.5309,
78.7518

84.4549, 86.1622,
82.7019

37.8483, 51.7313,
78.5125

85.0398, 87.3320,
82.8968

36.3652, 50.2333,
78.3015

85.6314, 88.5152,
83.0940

35.3677, 48.9949,
78.1150

86.2297, 89.7117,
83.2935

Harmonies

Analogous

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



67.0984, 72.3033, 78.5424



67.2828, 72.3033, 80.9308



67.8519, 72.3033, 82.7605

Triad

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



67.2828, 72.3033, 80.9308



70.1168, 72.3033, 81.2554



68.7863, 72.3033, 74.1311

Complementary

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



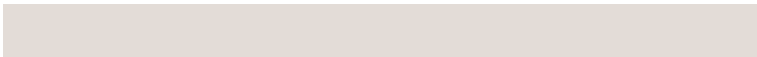
67.2828, 72.3033, 80.9308



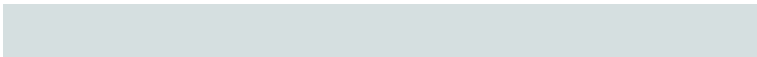
66.7975, 68.7440, 72.7002

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.



69.5997, 72.3033, 74.8248



67.2828, 72.3033, 80.9308



70.3718, 72.3033, 78.9099

Square

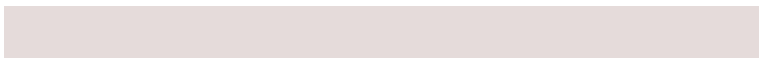
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2828, 72.3033, 80.9308



69.4877, 72.3033, 82.9506



70.1818, 72.3033, 76.5616



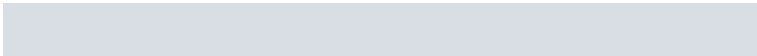
67.9622, 72.3033, 74.6473

Rectangle

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



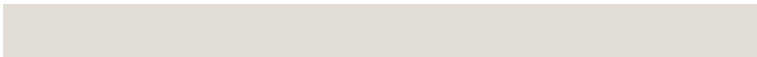
67.2828, 72.3033, 80.9308



68.3753, 72.3033, 83.3998



70.1818, 72.3033, 76.5616



69.0701, 72.3033, 74.2302

Sweetspot

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



67.2849, 72.3064, 80.9324



94.0444, 99.3723, 108.8318



66.2243, 72.3094, 74.0304



20.1400, 21.2764, 23.2952



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

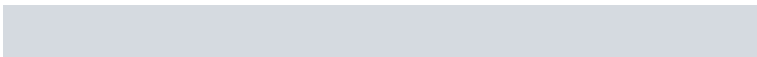
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2849, 72.3064, 80.9324



89.2028, 96.3316, 108.5001



65.8597, 69.4561, 80.4573



14.4228, 15.6139, 17.6413



20.4041, 28.2778, 45.4311



1.4458, 2.0230, 3.1595

Inverse Universe

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



67.8556, 68.7649, 79.5122



90.1395, 90.5347, 106.1662



68.1922, 71.5333, 73.1651



14.5890, 14.5868, 17.2269



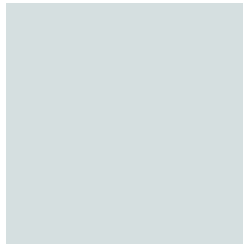
24.2393, 11.7627, 34.2553



1.6960, 0.8217, 2.4581

Previews

White Background



This preview shows how the XYZ color 67.2828, 72.3033, 80.9308 looks on a white background.

Color Contrast Check

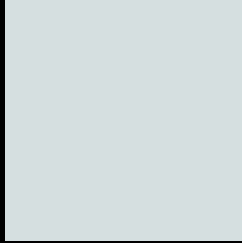
Large Text (above 18pt) WCAG AA × Fail

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 67.2828, 72.3033, 80.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

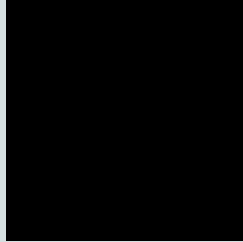
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

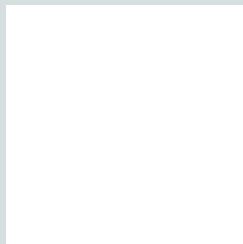
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2828, 72.3033, 80.9308

Background



This preview shows how black text looks on a background with the XYZ color 67.2828, 72.3033, 80.9308.



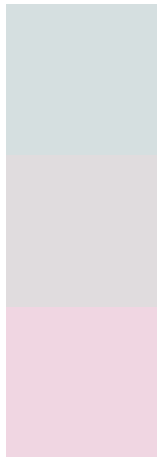
This preview shows how white text looks on a background with the XYZ color 67.2828, 72.3033,

80.9308.

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

67.2828, 72.3033, 80.9308

Protanopia

69.5185, 72.3076, 79.4000

Deuteranopia

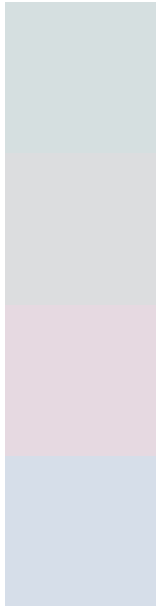
73.7092, 72.1094, 81.9851



Tritanopia

69.3134, 72.3330, 91.1974

Trichromacy



Original Color

67.2828, 72.3033, 80.9308

Protanomaly

68.6909, 72.2563, 80.1385

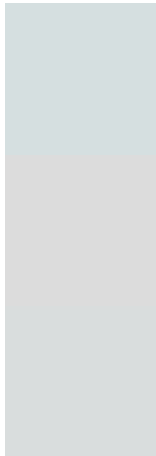
Deuteranomaly

71.0366, 71.8849, 81.3653

Tritanomaly

68.5608, 72.4219, 87.4561

Monochromacy



Original Color

67.2828, 72.3033, 80.9308

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 67.2828, 72.3033, 80.9308 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(213, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 224)  
}
```

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(213, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.2828, 72.3033, 80.9308 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(213, 223, 224) }
```


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

```
.border{ border-color:rgb(213, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2828, 72.3033, 80.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 224) }
```

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

```
.background{ background-color: rgb(213,  
223, 224) }
```

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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