

Converting Colors

XYZ(67.2165, 72.2822, 82.5605)

Have a look what the booklet for
XYZ(67.2165, 72.2822, 82.5605)
contains.

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Color

**XYZ(67.2665, 72.2634,
82.3544)**

Conversions

Conversions Part 1	
Format	Color
Hex	D4DFE2
RGB	212, 223, 226
RGB Percent	83%, 87%, 89%
CMY	0.1686, 0.1255, 0.1137
CMYK	0.06, 0.01, 0.00, 0.11
HSL	193°, 19%, 86%
HSV	193°, 6%, 89%
XYZ	67.2665, 72.2634, 82.3544
YIQ	220.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

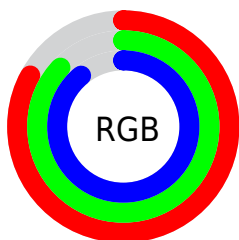
Format	Color
RYB	212, 218, 226
Decimal	13950946
CIELab	88.10, -3.11, -2.75
CIELCh	88, 4.150, 221.492
Yxy	72.2634, 0.3032, 0.3257
Android (android.graphics.Color)	4292141026 (0xFFD4DFE2)
YUV	220.0530, 2.9319, -7.0625
Hunter-Lab	85.0079, -7.5172, 2.0662

Details

The XYZ color **67.2665, 72.2634, 82.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5483, 69.5224, 72.1474**, and the grayscale version is **68.0502, 71.5941, 77.9660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2579, 38.1136, 44.0265** is the 20% darker color. If you saturate the color by 10%, you get **59.9287, 66.5913, 81.6474**, and if you desaturate by 10%, it is **75.5573, 78.4856, 83.1195**.

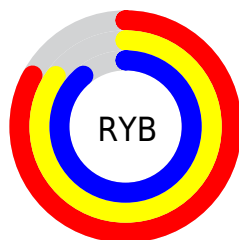
Distribution



Red (83%)

Green (87%)

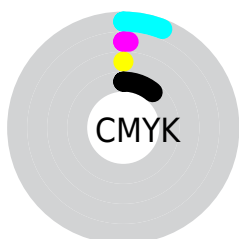
Blue (89%)



Red (83%)

Yellow (85%)

Blue (89%)

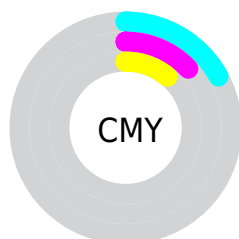


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (17%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2665, 72.2634, 82.3544 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 67.2665, 72.2634, 82.3544 by changing the saturation by 10% instead.


 67.2665, 72.2634,
82.3544

 67.2665, 72.2634,
82.3544


440.3104,
468.4579, 522.7469

 49.5727, 53.3739,
61.1202


114.3499,
122.4309, 138.5120

 35.2904, 38.1013,
43.8910


144.4702,
154.4777, 174.2725

 24.0542, 26.0613,
30.2482


179.4634,
191.6791, 215.7122

 15.4988, 16.8695,
19.7734

219.6949,
234.4194, 263.2495

 9.2588, 10.1415,
12.0480

265.5300,
283.0830, 317.3031

 4.9688, 5.4929,
6.6535


317.3340,


 2.2636, 2.5393,


338.0544, 378.2915


3.1712


375.4723,
399.7179, 446.6333

 0.7759, 0.8962,
1.1827


 0.0000, 0.0000,
0.0000


 67.2665, 72.2634,
82.3544


 67.2665, 72.2634,
82.3544


 59.9287, 66.5913,
81.6474


 75.5573, 78.4856,
83.1195


 53.4997, 61.4401,
80.9920


 84.0159, 84.8475,
83.9017


 47.9409, 56.7914,
80.3877


 85.4016, 87.6189,
84.3636


 43.2087, 52.6223,
79.8324


 86.8251, 90.4660,
84.8381

 39.2553, 48.9077,
79.3238


 88.2868, 93.3892,
85.3253


 36.0280, 45.6199,
78.8592

 89.7868, 96.3893,
85.8253

 33.4672, 42.7277,
78.4360

 90.7277, 98.2711,
86.1390

 31.5034, 40.1948,
78.0506

 30.0501, 37.9760,
77.6989

Harmonies

Analogous

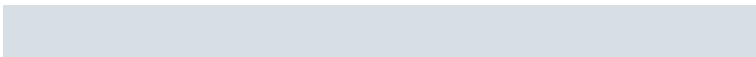
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.8334, 72.2634, 79.7750



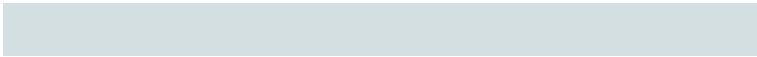
67.2665, 72.2634, 82.3544



68.0810, 72.2634, 83.9728

Triad

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



67.2665, 72.2634, 82.3544



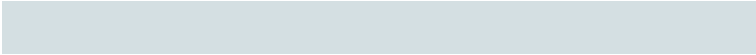
70.5074, 72.2634, 80.4279



68.3052, 72.2634, 73.4541

Complementary

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



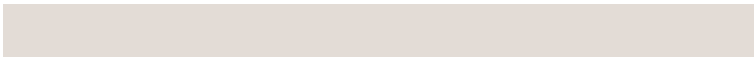
67.2665, 72.2634, 82.3544



67.5483, 69.5224, 72.1474

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.



69.2909, 72.2634, 73.6193



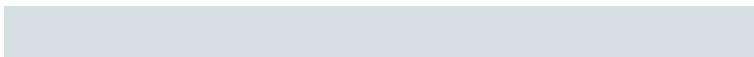
67.2665, 72.2634, 82.3544



70.5688, 72.2634, 77.6001

Square

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



67.2665, 72.2634, 82.3544



69.9546, 72.2634, 82.8422



70.1217, 72.2634, 75.1215



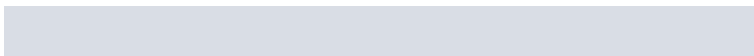
67.4293, 72.2634, 74.6645

Rectangle

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



67.2665, 72.2634, 82.3544



68.7338, 72.2634, 84.2660



70.1217, 72.2634, 75.1215



68.6346, 72.2634, 73.3514

Sweetspot

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



67.2686, 72.2665, 82.3560



92.8513, 98.3511, 108.6976



66.5889, 73.2869, 74.7926



19.8971, 21.0685, 23.2679



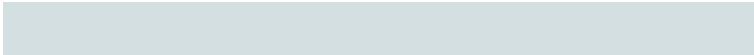
0.0000, 0.0000, 0.0000



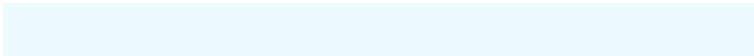
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2686, 72.2665, 82.3560



87.5785, 94.3570, 108.2046



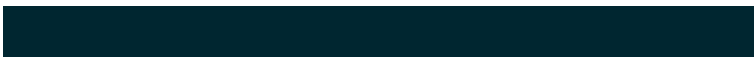
65.4871, 68.7035, 81.7622



14.1611, 15.2833, 17.5913



16.9619, 21.3934, 44.2837



1.2385, 1.6085, 3.0904

Inverse Universe

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



68.2284, 68.5848, 79.4578



89.0086, 88.8916, 103.8818



69.3170, 73.0597, 72.7370



14.4098, 14.3349, 16.8390



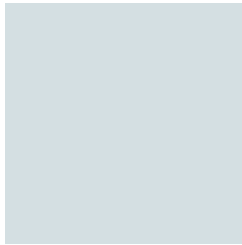
22.5018, 11.0677, 25.1059



1.5914, 0.7798, 1.9072

Previews

White Background



This preview shows how the XYZ color 67.2665, 72.2634, 82.3544 looks on a white background.

Color Contrast Check

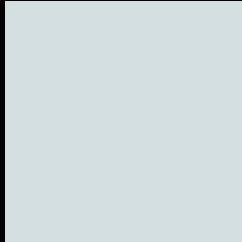
Large Text (above 18pt) WCAG AA × Fail

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 67.2665, 72.2634, 82.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

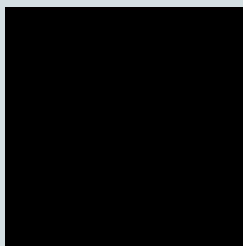
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

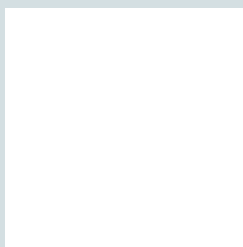
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2665, 72.2634, 82.3544

Background



This preview shows how black text looks on a background with the XYZ color 67.2665, 72.2634, 82.3544.

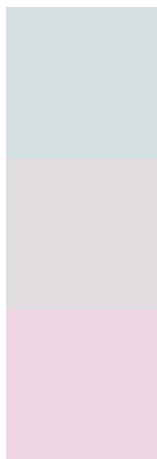


This preview shows how white text looks on a background with the XYZ color 67.2665, 72.2634,

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

67.2665, 72.2634, 82.3544

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

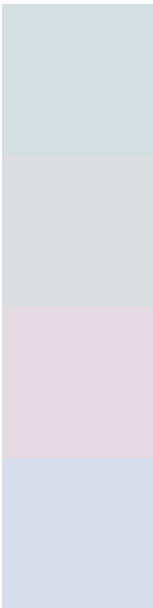
73.6468, 72.0453, 83.4233



Tritanopia

69.1680, 72.2410, 91.9597

Trichromacy



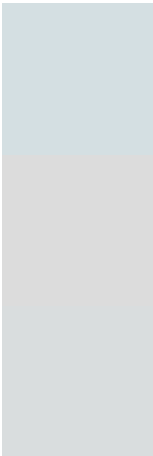
Original Color
67.2665, 72.2634, 82.3544

Protanomaly
68.9623, 72.3648, 81.5673

Deuteranomaly
70.9911, 71.8298, 82.7959

Tritanomaly
68.4131, 72.3292, 88.1971

Monochromacy



Original Color
67.2665, 72.2634, 82.3544

Achromatopsia
68.0267, 71.5694, 77.9390

Achromatomaly
67.6565, 71.7385, 79.3883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2665, 72.2634, 82.3544 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, 223, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 226)  
}
```

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, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.2665, 72.2634, 82.3544 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, 223, 226) }
```


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

```
.border{ border-color:rgb(212, 223, 226) }
```

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

Here you see how a box with a 4 pixel rgb(212, 223, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2665, 72.2634, 82.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 226) }
```

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

```
.background{ background-color: rgb(212,  
223, 226) }
```

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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