

Converting Colors

XYZ(63.4776, 67.6567, 78.8224)

Have a look what the booklet for
XYZ(63.4776, 67.6567, 78.8224)
contains.

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Color

**XYZ(63.4728, 67.6511,
78.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD8DE
RGB	207, 216, 222
RGB Percent	81%, 85%, 87%
CMY	0.1882, 0.1529, 0.1294
CMYK	0.07, 0.03, 0.00, 0.13
HSL	204°, 19%, 84%
HSV	204°, 7%, 87%
XYZ	63.4728, 67.6511, 78.8198
YIQ	213.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

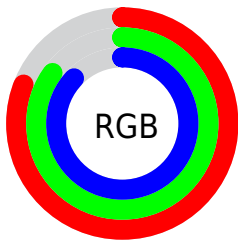
Format	Color
R _Y B	207, 213, 222
Decimal	13621470
CIE Lab	85.83, -1.89, -4.01
CIE LCh	86, 4.431, 244.734
Yxy	67.6511, 0.3023, 0.3222
Android (android.graphics.Color)	4291811550 (0xFFCFD8DE)
YUV	213.9930, 3.9475, -6.1329
Hunter-Lab	82.2503, -6.1890, 0.7581

Details

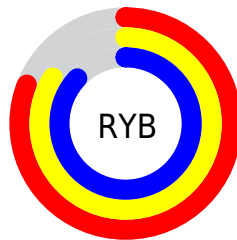
The XYZ color **63.4728, 67.6511, 78.8198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1811, 67.6224, 68.6495**, and the grayscale version is **63.8913, 67.2186, 73.2010**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8568, 35.0521, 41.5932** is the 20% darker color. If you saturate the color by 10%, you get **55.4891, 60.2524, 77.8135**, and if you desaturate by 10%, it is **72.4553, 75.7507, 79.9108**.

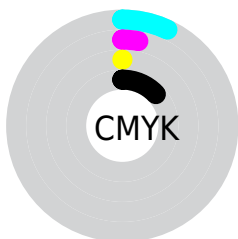
Distribution



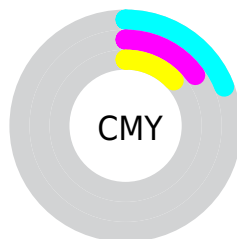
- Red (81%)
- Green (85%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4728, 67.6511, 78.8198 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 63.4728, 67.6511, 78.8198 by changing the saturation by 10% instead.

■ 63.4728, 67.6511,
78.8198

■ 63.4728, 67.6511,
78.8198

426.9158,
452.2589, 510.5480

■ 46.4839, 49.6139,
58.2272

108.9293,
115.8529, 133.5015

■ 32.8341, 35.1067,
41.5754

138.1276,
146.7863, 168.4277

■ 22.1580, 23.7451,
28.4459

172.1265,
182.7872, 208.9689

■ 14.0903, 15.1447,
18.4201

211.2912,
224.2401, 255.5436

■ 8.2656, 8.9210,
11.0795

255.9871,
271.5293, 308.5703

■ 4.3186, 4.6897,
6.0055

306.5796,

■ 1.8839, 2.0664,

325.0392, 368.4675

2.7796

363.4341,
385.1543, 435.6540

■ 0.5675, 0.6456,
0.9832

■ 0.0000, 0.0000,
0.0000

■ 63.4728, 67.6511,
78.8198

■ 63.4728, 67.6511,
78.8198

■ 55.4891, 60.2524,
77.8135

■ 72.4553, 75.7507,
79.9108

■ 48.4603, 53.5236,
76.8852

■ 82.4666, 84.5640,
81.0843

■ 42.3476, 47.4436,
76.0338

■ 86.3648, 90.4136,
82.0079

■ 37.1071, 41.9868,
75.2568

■ 89.0799, 95.8438,
82.9129

■ 32.6914, 37.1257,
74.5512

■ 90.1850, 98.0540,
83.2813

■ 29.0477, 32.8299,
73.9141

■ 26.1168, 29.0656,
73.3420

■ 23.8295, 25.7939,
72.8310

■ 22.0979, 22.9660,
72.3764

Harmonies

Analogous

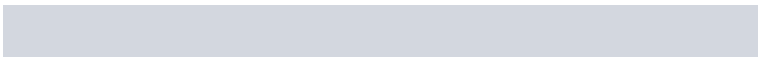
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7133, 67.6511, 76.8839



63.4728, 67.6511, 78.8198



64.4612, 67.6511, 79.3592

Triad

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



63.4728, 67.6511, 78.8198



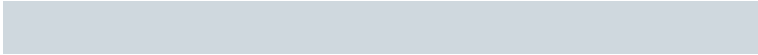
66.2605, 67.6511, 73.2012



63.1972, 67.6511, 69.1719

Complementary

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



63.4728, 67.6511, 78.8198



65.1811, 67.6224, 68.6495

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.



64.1398, 67.6511, 68.2414



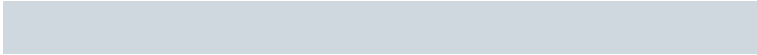
63.4728, 67.6511, 78.8198



65.9139, 67.6511, 70.5285

Square

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



63.4728, 67.6511, 78.8198



66.0774, 67.6511, 76.0665



65.1350, 67.6511, 68.7315



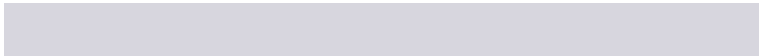
62.5554, 67.6511, 71.3058

Rectangle

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



63.4728, 67.6511, 78.8198



65.1185, 67.6511, 78.8427



65.1350, 67.6511, 68.7315



63.4890, 67.6511, 68.7106

Sweetspot

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



63.4748, 67.6540, 78.8213



92.5515, 97.7516, 108.5977



63.8330, 70.3004, 72.9906



19.8361, 20.9465, 23.2476



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.



63.4748, 67.6540, 78.8213



85.3924, 91.2408, 107.7183



61.6571, 64.0188, 78.2154



13.6329, 14.6049, 17.4882



12.9456, 13.3608, 42.9450



0.9842, 1.0999, 3.0057

Inverse Universe

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



64.8332, 65.1144, 74.1204



87.5985, 87.1537, 100.0756



67.0466, 71.3534, 69.2714



14.0509, 13.8380, 16.0383



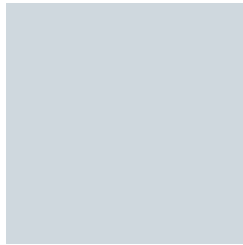
20.4746, 10.2568, 14.4307



1.4630, 0.7285, 1.2312

Previews

White Background



This preview shows how the XYZ color 63.4728, 67.6511, 78.8198 looks on a white background.

Color Contrast Check

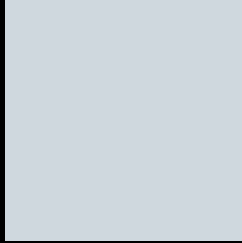
Large Text (above 18pt) WCAG AA × Fail

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 63.4728, 67.6511, 78.8198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

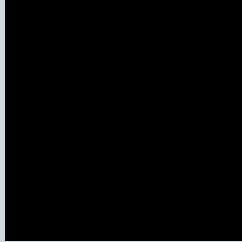
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

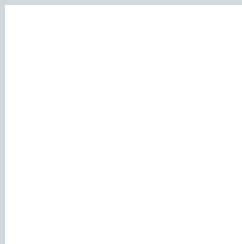
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4728, 67.6511, 78.8198

Background



This preview shows how black text looks on a background with the XYZ color 63.4728, 67.6511, 78.8198.

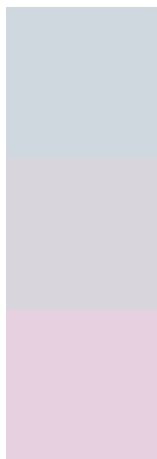


This preview shows how white text looks on a background with the XYZ color 63.4728, 67.6511,

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

63.4728, 67.6511, 78.8198

Protanopia

65.0314, 67.3547, 77.2834

Deuteranopia

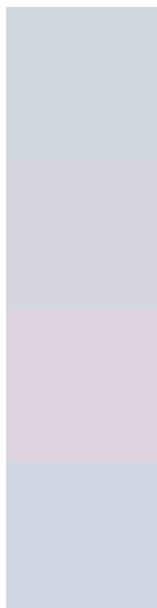
68.9654, 67.4825, 79.9116



Tritanopia

65.1604, 67.9824, 86.0315

Trichromacy



Original Color

63.4728, 67.6511, 78.8198

Protanomaly

64.5383, 67.4597, 78.0261

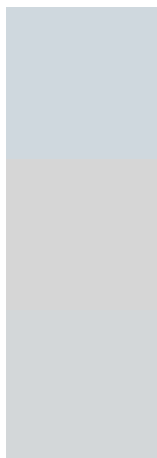
Deuteranomaly

66.7377, 67.4458, 79.3129

Tritanomaly

64.3165, 67.6122, 83.0594

Monochromacy



Original Color

63.4728, 67.6511, 78.8198

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6888, 67.4595, 75.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4728, 67.6511, 78.8198 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(207, 216, 222) looks like.

```
.text, #text, p{  
    color:rgb(207, 216, 222)  
}
```

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(207, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 216, 222) }
```

Border

The CSS property to change the border of an element to XYZ 63.4728, 67.6511, 78.8198 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(207, 216, 222) }
```


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

```
.border{ border-color:rgb(207, 216, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 216, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(207, 216,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4728, 67.6511, 78.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 216, 222) }
```

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

```
.background{ background-color: rgb(207,  
216, 222) }
```

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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