

Converting Colors

XYZ(65.2972, 71.2264, 73.7349)

Have a look what the booklet for
XYZ(65.2972, 71.2264, 73.7349)
contains.

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Color

**XYZ(65.1228, 70.9465,
73.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DED6
RGB	211, 222, 214
RGB Percent	83%, 87%, 84%
CMY	0.1725, 0.1294, 0.1608
CMYK	0.05, 0.00, 0.04, 0.13
HSL	136°, 14%, 85%
HSV	136°, 5%, 87%
XYZ	65.1228, 70.9465, 73.8800
YIQ	217.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

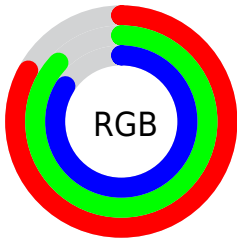
Format	Color
R _Y B	211, 220, 222
Decimal	13885142
CIE Lab	87.46, -5.15, 2.63
CIE LCh	87, 5.784, 152.938
Yxy	70.9465, 0.3102, 0.3379
Android (android.graphics.Color)	4292075222 (0xFFD3DED6)
YUV	217.7990, -1.8729, -5.9627
Hunter-Lab	84.2297, -9.3936, 6.9561

Details

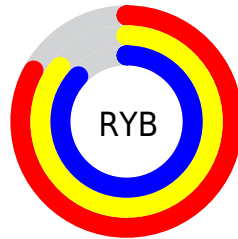
The XYZ color **65.1228, 70.9465, 73.8800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2072, 67.2343, 76.5093**, and the grayscale version is **66.5182, 69.9824, 76.2108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7870, 37.2086, 38.2021** is the 20% darker color. If you saturate the color by 10%, you get **57.2358, 67.1092, 63.2746**, and if you desaturate by 10%, it is **74.0967, 75.3245, 85.6064**.

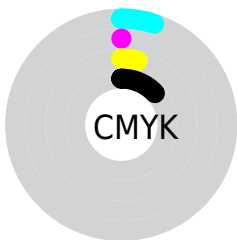
Distribution



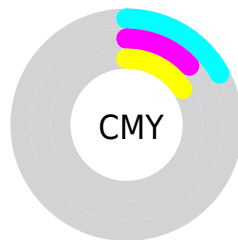
- Red (83%)
- Green (87%)
- Blue (84%)



- Red (83%)
- Yellow (86%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1228, 70.9465, 73.8800 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 65.1228, 70.9465, 73.8800 by changing the saturation by 10% instead.

■ 65.1228, 70.9465,
73.8800

■ 65.1228, 70.9465,
73.8800

432.7714,
463.8664, 493.2114

■ 47.8257, 52.2985,
54.1996

111.2911,
120.5575, 126.4582

■ 33.8996, 37.2431,
38.3670

140.8931,
152.2894, 160.1930

■ 22.9790, 25.3958,
25.9636

175.3274,
189.1514, 199.4498

■ 14.6986, 16.3722,
16.5709

214.9594,
231.5278, 244.6471

■ 8.6931, 9.7879,
9.7703

260.1544,
279.8032, 296.2033

■ 4.5970, 5.2585,
5.1433

311.2778,

■ 2.0451, 2.3997,

334.3618, 354.5371

2.2714

368.6950,
395.5880, 420.0669

■ 0.6591, 0.8258,
0.7151

■ 0.0000, 0.0000,
0.0000

■ 65.1228, 70.9465,
73.8800

■ 65.1228, 70.9465,
73.8800

■ 57.2358, 67.1092,
63.2746

■ 74.0967, 75.3245,
85.6064

■ 50.3879, 63.7826,
53.7528

■ 84.0428, 80.1774,
98.4737

■ 44.5368, 60.9477,
45.2816

■ 85.4127, 80.7253,
105.6876

■ 39.6347, 58.5806,
37.8247

■ 35.6300, 56.6554,
31.3439

■ 32.4658, 55.1436,
25.7984

■ 30.0786, 54.0135,
21.1445

■ 28.3953, 53.2283,
17.3349

■ 27.3274, 52.7435,
14.3177

Harmonies

Analogous

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



66.0159, 70.9465, 71.1120



65.1228, 70.9465, 73.8800



64.8459, 70.9465, 77.6344

Triad

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



65.1228, 70.9465, 73.8800



67.5671, 70.9465, 84.9991



69.6587, 70.9465, 73.2344

Complementary

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



65.1228, 70.9465, 73.8800



66.2072, 67.2343, 76.5093

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.



70.0871, 70.9465, 76.8642



65.1228, 70.9465, 73.8800



68.8693, 70.9465, 83.7286

Square

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



65.1228, 70.9465, 73.8800



66.2458, 70.9465, 84.1356



69.7962, 70.9465, 80.7182



68.6333, 70.9465, 70.7482

Rectangle

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



65.1228, 70.9465, 73.8800



65.0448, 70.9465, 80.2145



69.7962, 70.9465, 80.7182



69.8779, 70.9465, 74.3569

Sweetspot

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



65.1248, 70.9495, 73.8816



93.8208, 99.4007, 107.2913



67.1154, 72.0196, 71.9926



20.0945, 21.2822, 22.9817



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.



65.1248, 70.9495, 73.8816



87.9031, 96.5167, 99.4824



65.8309, 71.2320, 77.5998



14.1924, 15.6471, 16.0411



16.0485, 31.2442, 7.9784



1.1495, 2.1805, 0.7482

Inverse Universe

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



66.2072, 67.2343, 76.5093



89.6974, 90.3579, 103.8382



65.5030, 66.9526, 72.8008



14.5104, 14.5554, 16.8133



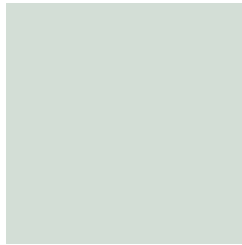
21.7879, 10.7822, 21.3466



1.5472, 0.7622, 1.6744

Previews

White Background



This preview shows how the XYZ color 65.1228, 70.9465, 73.8800 looks on a white background.

Color Contrast Check

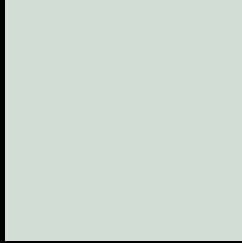
Large Text (above 18pt) WCAG AA × Fail

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 65.1228, 70.9465, 73.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

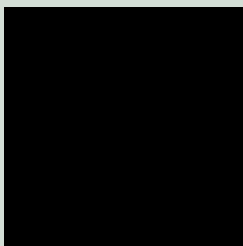
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

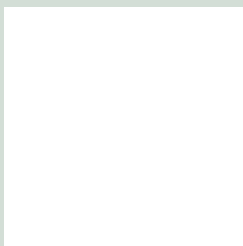
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1228, 70.9465, 73.8800

Background



This preview shows how black text looks on a background with the XYZ color 65.1228, 70.9465, 73.8800.

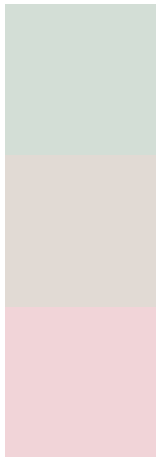


This preview shows how white text looks on a background with the XYZ color 65.1228, 70.9465,

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

65.1228, 70.9465, 73.8800

Protanopia

68.0064, 70.9038, 72.3888

Deuteranopia

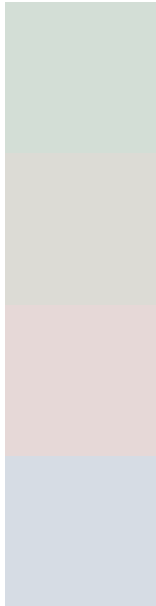
72.2138, 70.7456, 74.8149



Tritanopia

68.4962, 71.1662, 89.4832

Trichromacy



Original Color

65.1228, 70.9465, 73.8800

Protanomaly

66.8570, 70.6828, 73.0702

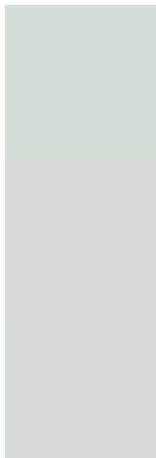
Deuteranomaly

69.4547, 70.8410, 74.3030

Tritanomaly

67.3283, 71.0840, 83.5708

Monochromacy



Original Color

65.1228, 70.9465, 73.8800

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8802, 70.1199, 75.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1228, 70.9465, 73.8800 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(211, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 214)  
}
```

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(211, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.1228, 70.9465, 73.8800 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(211, 222, 214) }
```


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

```
.border{ border-color:rgb(211, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1228, 70.9465, 73.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 214) }
```

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

```
.background{ background-color: rgb(211,  
222, 214) }
```

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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