

Converting Colors

XYZ(65.8585, 72.4294, 78.2229)

Have a look what the booklet for
XYZ(65.8585, 72.4294, 78.2229)
contains.

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Color

**XYZ(65.8559, 72.4276,
78.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E1DC
RGB	208, 225, 220
RGB Percent	82%, 88%, 86%
CMY	0.1843, 0.1176, 0.1372
CMYK	0.08, 0.00, 0.02, 0.12
HSL	162°, 22%, 85%
HSV	162°, 8%, 88%
XYZ	65.8559, 72.4276, 78.2191
YIQ	219.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

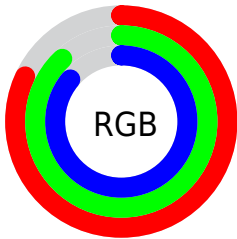
Format	Color
RYB	208, 218, 225
Decimal	13689308
CIELab	88.17, -6.58, 0.49
CIELCh	88, 6.603, 175.754
Yxy	72.4276, 0.3042, 0.3345
Android (android.graphics.Color)	4291879388 (0xFFD0E1DC)
YUV	219.3470, 0.3219, -9.9513
Hunter-Lab	85.1044, -10.8050, 5.0799

Details

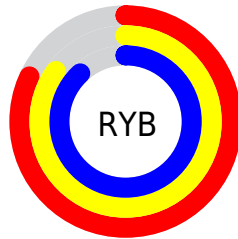
The XYZ color **65.8559, 72.4276, 78.2191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6201, 65.9253, 72.2205**, and the grayscale version is **67.5766, 71.0959, 77.4234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4927, 38.3361, 41.1790** is the 20% darker color. If you saturate the color by 10%, you get **59.1139, 69.0533, 73.4174**, and if you desaturate by 10%, it is **73.5342, 76.2846, 83.2490**.

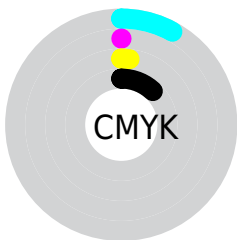
Distribution



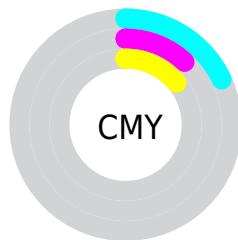
- Red (82%)
- Green (88%)
- Blue (86%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8559, 72.4276, 78.2191 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 65.8559, 72.4276, 78.2191 by changing the saturation by 10% instead.

■ 65.8559, 72.4276,
78.2191

■ 65.8559, 72.4276,
78.2191

435.3581,
469.0286, 508.4582

■ 48.4227, 53.5081,
57.7365

112.3384,
122.6643, 132.6476

■ 34.3744, 38.2085,
41.1835

142.1183,
154.7502, 167.4306

■ 23.3456, 26.1446,
28.1417

176.7446,
191.9937, 207.8174

■ 14.9710, 16.9318,
18.1926

216.5826,
234.7791, 254.2266

■ 8.8852, 10.1859,
10.9174

261.9975,
283.4909, 307.0768

■ 4.7229, 5.5224,
5.8979

313.3549,

■ 2.1187, 2.5569,

338.5135, 366.7864

2.7153

371.0200,
400.2313, 433.7740

■ 0.6993, 0.9050,
0.9511

■ 0.0000, 0.0000,
0.0000

■ 65.8559, 72.4276,
78.2191

■ 65.8559, 72.4276,
78.2191

■ 59.1139, 69.0533,
73.4174

■ 73.5342, 76.2846,
83.2490

■ 53.2641, 66.1330,
68.8351

■ 82.1784, 80.6334,
88.5059

■ 48.2678, 63.6488,
64.4700

■ 83.8746, 81.3964,
93.6231

■ 44.0812, 61.5781,
60.3178

■ 84.8758, 81.7968,
98.8950

■ 40.6565, 59.8963,
56.3740

■ 85.9132, 82.2118,
104.3579

■ 37.9405, 58.5761,
52.6340

■ 86.2166, 82.3331,
105.9555

■ 35.8730, 57.5865,
49.0927

■ 34.3836, 56.8912,
45.7444

■ 33.3767, 56.4411,
42.5824

Harmonies

Analogous

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



66.3603, 72.4276, 74.0674



65.8559, 72.4276, 78.2191



66.1411, 72.4276, 82.7011

Triad

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



65.8559, 72.4276, 78.2191



70.1682, 72.4276, 86.9571



70.5635, 72.4276, 71.8881

Complementary

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



65.8559, 72.4276, 78.2191



65.6201, 65.9253, 72.2205

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.



71.6119, 72.4276, 75.1423



65.8559, 72.4276, 78.2191



71.3813, 72.4276, 83.8578

Square

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



65.8559, 72.4276, 78.2191



68.6156, 72.4276, 87.8568



71.9134, 72.4276, 79.5071



69.0654, 72.4276, 70.5019

Rectangle

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



65.8559, 72.4276, 78.2191



66.7430, 72.4276, 85.2572



71.9134, 72.4276, 79.5071



70.9811, 72.4276, 72.7936

Sweetspot

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



65.8580, 72.4307, 78.2207



92.9578, 98.9492, 107.5458



65.7823, 72.5688, 70.2157



19.9187, 21.1902, 23.0335



0.0000, 0.0000, 0.0000



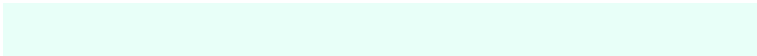
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8580, 72.4307, 78.2207



86.0365, 95.4768, 102.9020



65.6205, 70.8793, 81.4602



13.9357, 15.5000, 16.6967



19.1647, 32.4907, 24.3881



1.3670, 2.2675, 1.8936

Inverse Universe

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



65.6201, 65.9253, 72.2205



85.6616, 85.2218, 93.4436



65.8326, 67.3512, 69.2059



13.8723, 13.7666, 15.0979



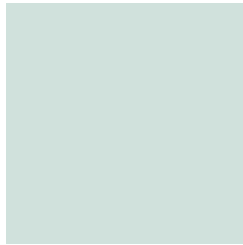
18.5080, 9.4702, 4.0748



1.3213, 0.6718, 0.4847

Previews

White Background



This preview shows how the XYZ color 65.8559, 72.4276, 78.2191 looks on a white background.

Color Contrast Check

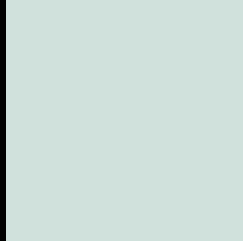
Large Text (above 18pt) WCAG AA × Fail

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 65.8559, 72.4276, 78.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

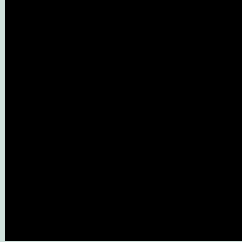
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

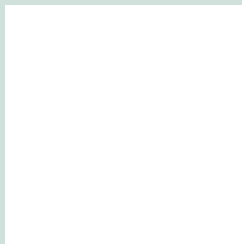
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8559, 72.4276, 78.2191

Background



This preview shows how black text looks on a background with the XYZ color 65.8559, 72.4276, 78.2191.

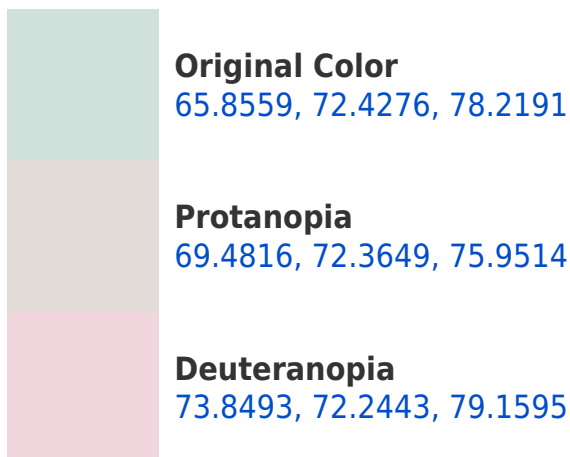


This preview shows how white text looks on a background with the XYZ color 65.8559, 72.4276,

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





Tritanopia

68.7134, 72.3827, 92.7877

Trichromacy



Original Color

65.8559, 72.4276, 78.2191

Protanomaly

67.9896, 72.3646, 76.7140

Deuteranomaly

70.7557, 72.1863, 78.6107

Tritanomaly

67.6740, 72.3602, 87.4909

Monochromacy



Original Color

65.8559, 72.4276, 78.2191

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6670, 71.2744, 77.2615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8559, 72.4276, 78.2191 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(208, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(208, 225, 220)  
}
```

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(208, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.8559, 72.4276, 78.2191 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(208, 225, 220) }
```


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

```
.border{ border-color:rgb(208, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 225,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8559, 72.4276, 78.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 225, 220) }
```

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

```
.background{ background-color: rgb(208,  
225, 220) }
```

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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