

Converting Colors

XYZ(65.2485, 72.6344, 79.1818)

Have a look what the booklet for
XYZ(65.2485, 72.6344, 79.1818)
contains.

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Color

**XYZ(65.1493, 72.4505,
78.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2DD
RGB	204, 226, 221
RGB Percent	80%, 89%, 87%
CMY	0.2000, 0.1137, 0.1333
CMYK	0.10, 0.00, 0.02, 0.11
HSL	166°, 28%, 84%
HSV	166°, 10%, 89%
XYZ	65.1493, 72.4505, 78.9572
YIQ	218.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

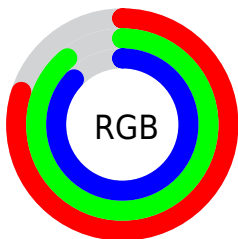
Format	Color
R_{YB}	204, 216, 226
Decimal	13427421
CIE _{Lab}	88.18, -8.22, -0.05
CIE _{LCh}	88, 8.220, 180.375
Yxy	72.4505, 0.3008, 0.3346
Android (android.graphics.Color)	4291617501 (0xFFCCE2DD)
YUV	218.8520, 1.0590, -13.0252
Hunter-Lab	85.1179, -12.3322, 4.5838

Details

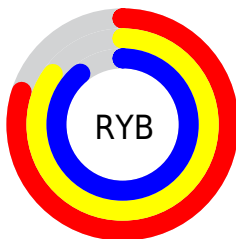
The XYZ color **65.1493, 72.4505, 78.9572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4681, 63.9598, 69.2725**, and the grayscale version is **67.2296, 70.7308, 77.0259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0235, 38.3630, 41.6880** is the 20% darker color. If you saturate the color by 10%, you get **58.7249, 69.2185, 75.1379**, and if you desaturate by 10%, it is **72.4977, 76.1604, 82.9322**.

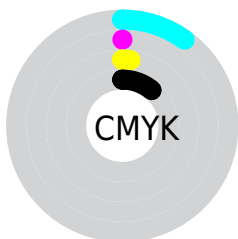
Distribution



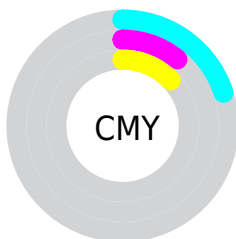
- Red (80%)
- Green (89%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1493, 72.4505, 78.9572 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 65.1493, 72.4505, 78.9572 by changing the saturation by 10% instead.

65.1493, 72.4505,
78.9572

65.1493, 72.4505,
78.9572

432.8650,
469.1081, 511.0253

47.8473, 53.5268,
58.3395

111.3290,
122.6968, 133.6967

33.9167, 38.2235,
41.6651

140.9374,
154.7882, 168.6556

22.9922, 26.1562,
28.5156

175.3786,
192.0375, 209.2320

14.7084, 16.9405,
18.4723

215.0181,
234.8293, 255.8445

8.7000, 10.1921,
11.1166

260.2211,
283.5478, 308.9115

4.6016, 5.5265,
6.0302

311.3530,

2.0478, 2.5594,

338.5775, 368.8516

2.7944

368.7792,
400.3028, 436.0834

■ 0.6606, 0.9063,
0.9906

■ 0.0000, 0.0000,
0.0000

■ 65.1493, 72.4505,
78.9572

■ 65.1493, 72.4505,
78.9572

■ 58.7249, 69.2185,
75.1379

■ 72.4977, 76.1604,
82.9322

■ 53.1795, 66.4352,
71.4667


■ 80.8003, 80.3578,
87.0607


■ 48.4737, 64.0825,
67.9422


■ 83.6390, 81.7359,
91.0449


■ 44.5626, 62.1370,
64.5615


■ 84.3984, 82.0397,
95.0440

 41.3969, 60.5735,
61.3211


 85.1795, 82.3521,
99.1572


 38.9220, 59.3637,
58.2176

 85.9825, 82.6733,
103.3856

 37.0752, 58.4755,
55.2469

 86.4877, 82.8754,
106.0459

 35.7824, 57.8706,
52.4045

 34.9184, 57.4845,
49.6835

Harmonies

Analogous

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



65.6268, 72.4505, 73.6529



65.1493, 72.4505, 78.9572



65.6508, 72.4505, 84.4904

Triad

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



65.1493, 72.4505, 78.9572



70.7920, 72.4505, 88.6036



70.7483, 72.4505, 69.8413

Complementary

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



65.1493, 72.4505, 78.9572



64.4681, 63.9598, 69.2725

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.



72.1763, 72.4505, 73.5356



65.1493, 72.4505, 78.9572



72.2019, 72.4505, 84.3619

Square

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



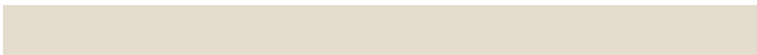
65.1493, 72.4505, 78.9572



68.8868, 72.4505, 90.2194



72.7132, 72.4505, 78.8154



68.8373, 72.4505, 68.5443

Rectangle

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



65.1493, 72.4505, 78.9572



66.4783, 72.4505, 87.5256



72.7132, 72.4505, 78.8154



71.3020, 72.4505, 70.8350

Sweetspot

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



65.1514, 72.4536, 78.9588



92.0125, 98.4663, 107.3025



64.4299, 72.3302, 67.6931



19.5248, 20.9902, 22.8764



0.0000, 0.0000, 0.0000



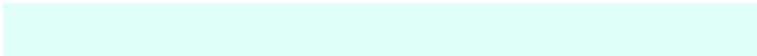
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1514, 72.4536, 78.9588



83.5744, 94.2112, 102.6207



64.2597, 69.5874, 81.9999



13.9762, 15.5162, 16.9101



19.9552, 32.8069, 28.5509



1.4162, 2.2872, 2.1529

Inverse Universe

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



64.4681, 63.9598, 69.2725



82.4778, 80.5764, 87.0726



65.2792, 66.5579, 66.5342



13.8343, 13.7513, 14.8974



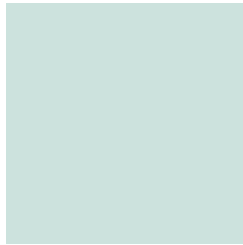
18.2764, 9.3775, 2.8551



1.3008, 0.6636, 0.3767

Previews

White Background



This preview shows how the XYZ color 65.1493, 72.4505, 78.9572 looks on a white background.

Color Contrast Check

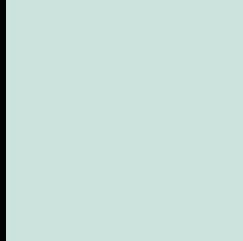
Large Text (above 18pt) WCAG AA × Fail

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 65.1493, 72.4505, 78.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

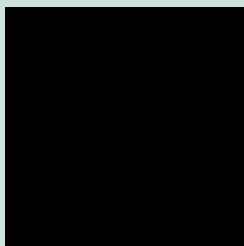
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

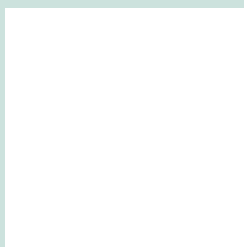
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1493, 72.4505, 78.9572

Background



This preview shows how black text looks on a background with the XYZ color 65.1493, 72.4505, 78.9572.

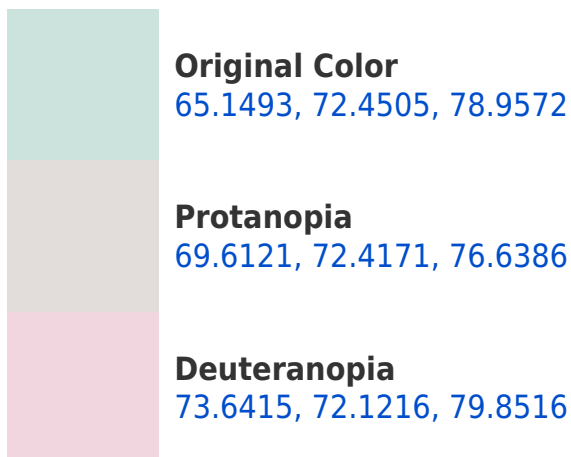


This preview shows how white text looks on a background with the XYZ color 65.1493, 72.4505,

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

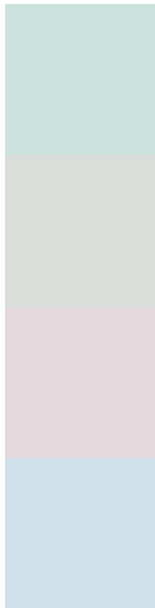




Tritanopia

67.9970, 72.3916, 93.6082

Trichromacy



Original Color

65.1493, 72.4505, 78.9572

Protanomaly

67.8209, 72.2625, 77.3913

Deuteranomaly

70.2511, 71.9107, 79.2848

Tritanomaly

66.9605, 72.3736, 88.2822

Monochromacy



Original Color

65.1493, 72.4505, 78.9572

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7711, 71.7060, 78.0316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1493, 72.4505, 78.9572 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(204, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 221)  
}
```

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(204, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.1493, 72.4505, 78.9572 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(204, 226, 221) }
```


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

```
.border{ border-color:rgb(204, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1493, 72.4505, 78.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 221) }
```

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

```
.background{ background-color: rgb(204,  
226, 221) }
```

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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