

Converting Colors

XYZ(64.9156, 72.6596, 69.9658)

Have a look what the booklet for
XYZ(64.9156, 72.6596, 69.9658)
contains.

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Color

**XYZ(64.8760, 72.5021,
70.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2D0
RGB	209, 226, 208
RGB Percent	82%, 89%, 82%
CMY	0.1804, 0.1137, 0.1843
CMYK	0.08, 0.00, 0.08, 0.11
HSL	117°, 24%, 85%
HSV	117°, 8%, 89%
XYZ	64.8760, 72.5021, 70.2495
YIQ	218.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

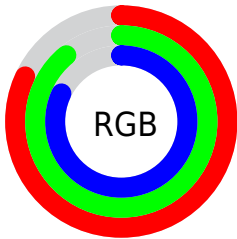
Format	Color
R_{YB}	208, 226, 225
Decimal	13755088
CIE _{Lab}	88.21, -8.94, 6.85
CIE _{LCh}	88, 11.268, 142.540
Yxy	72.5021, 0.3125, 0.3492
Android (android.graphics.Color)	4291945168 (0xFFD1E2D0)
YUV	218.8650, -5.3564, -8.6516
Hunter-Lab	85.1482, -13.0068, 10.6879

Details

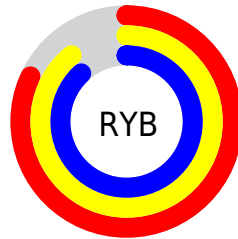
The XYZ color **64.8760, 72.5021, 70.2495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3376, 66.6123, 81.2637**, and the grayscale version is **67.2782, 70.7819, 77.0815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9132, 38.4275, 36.2017** is the 20% darker color. If you saturate the color by 10%, you get **56.6514, 68.5630, 56.3694**, and if you desaturate by 10%, it is **74.3101, 77.0231, 86.2575**.

Distribution



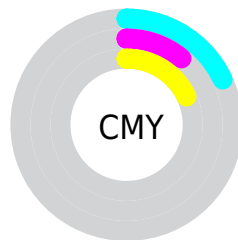
- Red (82%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8760, 72.5021, 70.2495 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 64.8760, 72.5021, 70.2495 by changing the saturation by 10% instead.

64.8760, 72.5021,
70.2495

64.8760, 72.5021,
70.2495

431.8985,
469.2873, 480.2383

47.6249, 53.5689,
51.2519

110.9383,
122.7701, 121.2489

33.7399, 38.2571,
36.0310

140.4801,
154.8738, 154.0879

22.8558, 26.1823,
24.1683

174.8496,
192.1364, 192.3776

14.6072, 16.9601,
15.2451

214.4120,
234.9423, 236.5368

8.6287, 10.2060,
8.8431

259.5327,
283.6760, 286.9839

4.5549, 5.5358,
4.5436

310.5772,

2.0206, 2.5649,

338.7218, 344.1375

1.9280

367.9106,
400.4641, 408.4162

■ 0.6455, 0.9091,
0.5105

■ 0.0000, 0.0000,
0.0000

■ 64.8760, 72.5021,
70.2495

■ 64.8760, 72.5021,
70.2495

■ 56.6514, 68.5630,
56.3694

■ 74.3101, 77.0231,
86.2575

■ 49.5817, 65.1733,
44.5232

■ 84.9935, 82.1385,
104.4726

■ 43.6169, 62.3114,
34.6168

■ 86.4878, 82.8756,
106.0459

■ 38.7011, 59.9508,
26.5470

■ 34.7737, 58.0625,
20.2007

■ 31.7676, 56.6147,
15.4527

■ 29.6074, 55.5718,
12.1608

■ 28.2059, 54.8922,
10.1576

■ 27.4522, 54.5238,
9.2093

Harmonies

Analogous

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



66.9422, 72.5021, 66.0041



64.8760, 72.5021, 70.2495



63.8959, 72.5021, 77.0299

Triad

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



64.8760, 72.5021, 70.2495



68.2400, 72.5021, 94.6036



73.8127, 72.5021, 73.3849

Complementary

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



64.8760, 72.5021, 70.2495



67.3376, 66.6123, 81.2637

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.



74.1821, 72.5021, 80.8865



64.8760, 72.5021, 70.2495



70.9182, 72.5021, 93.4699

Square

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



64.8760, 72.5021, 70.2495



65.8048, 72.5021, 91.3284



73.1101, 72.5021, 88.3245



72.1135, 72.5021, 67.7303

Rectangle

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



64.8760, 72.5021, 70.2495



63.9718, 72.5021, 82.2113



73.1101, 72.5021, 88.3245



74.0983, 72.5021, 75.7614

Sweetspot

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



64.8780, 72.5052, 70.2511



92.4896, 98.7737, 104.5508



69.6236, 74.4688, 70.3800



19.8234, 21.1545, 22.4237



0.0000, 0.0000, 0.0000



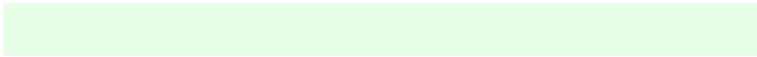
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8780, 72.5052, 70.2511



82.9006, 94.1800, 88.3045



65.5799, 72.7534, 75.4188



13.5988, 15.3734, 14.5574



15.6378, 31.0941, 5.1776



1.1091, 2.1683, 0.3601

Inverse Universe

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



67.3376, 66.6123, 81.2637



86.9289, 84.5282, 106.3417



66.6035, 66.3548, 75.7669



14.2159, 13.8949, 17.3204



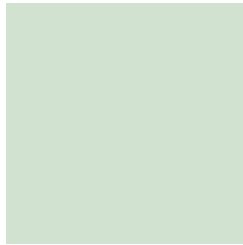
23.5955, 11.2592, 41.9780



1.6588, 0.7924, 2.9108

Previews

White Background



This preview shows how the XYZ color 64.8760, 72.5021, 70.2495 looks on a white background.

Color Contrast Check

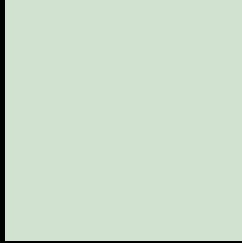
Large Text (above 18pt) WCAG AA × Fail

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 64.8760, 72.5021, 70.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

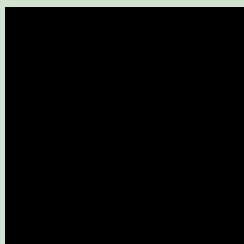
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

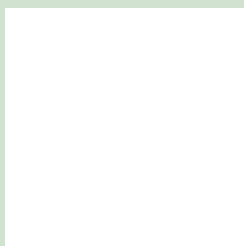
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8760, 72.5021, 70.2495

Background



This preview shows how black text looks on a background with the XYZ color 64.8760, 72.5021, 70.2495.



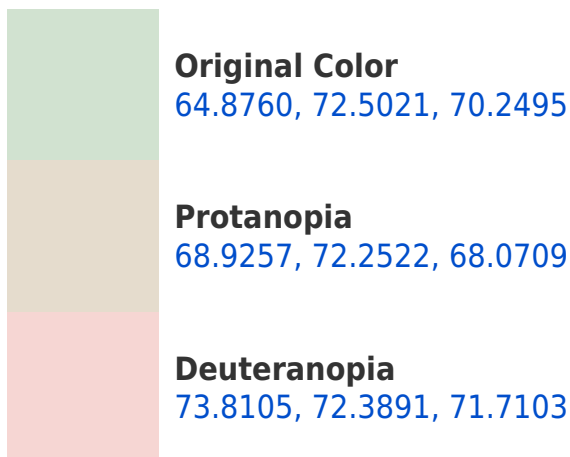
This preview shows how white text looks on a background with the XYZ color 64.8760, 72.5021,

70.2495.

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

69.1680, 72.2410, 91.9597

Trichromacy



Original Color

64.8760, 72.5021, 70.2495

Protanomaly

67.3861, 72.2284, 68.7824

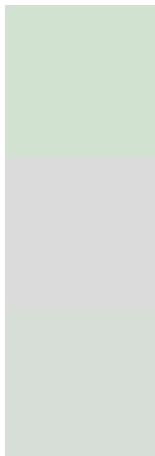
Deuteranomaly

70.3085, 72.1196, 71.1876

Tritanomaly

67.5426, 72.3738, 83.8085

Monochromacy



Original Color

64.8760, 72.5021, 70.2495

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4113, 71.5959, 74.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8760, 72.5021, 70.2495 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(209, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 208)  
}
```

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(209, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 64.8760, 72.5021, 70.2495 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(209, 226, 208) }
```


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

```
.border{ border-color:rgb(209, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 226, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 226, 208); box-shadow:4px 4px 4px 4px rgb(209, 226, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8760, 72.5021, 70.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 208) }
```

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

```
.background{ background-color: rgb(209,  
226, 208) }
```

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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