

Converting Colors

XYZ(64.5721, 72.4754, 70.1043)

Have a look what the booklet for
XYZ(64.5721, 72.4754, 70.1043)
contains.

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Color

**XYZ(64.5939, 72.3567,
70.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E2D0
RGB	208, 226, 208
RGB Percent	82%, 89%, 82%
CMY	0.1843, 0.1137, 0.1843
CMYK	0.08, 0.00, 0.08, 0.11
HSL	120°, 24%, 85%
HSV	120°, 8%, 89%
XYZ	64.5939, 72.3567, 70.2363
YIQ	218.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

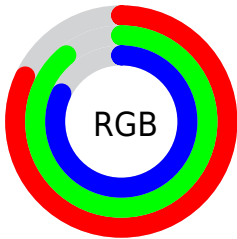
Format	Color
RYB	208, 226, 226
Decimal	13689552
CIELab	88.14, -9.28, 6.74
CIELCh	88, 11.474, 144.002
Yxy	72.3567, 0.3118, 0.3492
Android (android.graphics.Color)	4291879632 (0xFFD0E2D0)
YUV	218.5660, -5.2090, -9.2664
Hunter-Lab	85.0627, -13.3127, 10.5882

Details

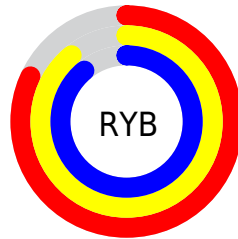
The XYZ color **64.5939, 72.3567, 70.2363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6499, 66.7731, 81.2778**, and the grayscale version is **67.0704, 70.5633, 76.8434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7221, 38.3289, 36.1927** is the 20% darker color. If you saturate the color by 10%, you get **56.1016, 68.2796, 56.3441**, and if you desaturate by 10%, it is **74.3919, 77.0653, 86.2607**.

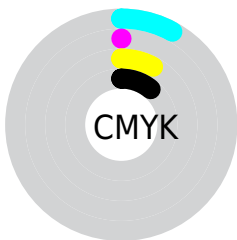
Distribution



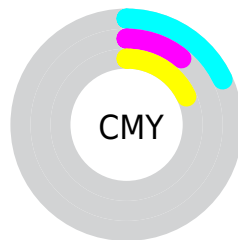
- Red (82%)
- Green (89%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5939, 72.3567, 70.2363 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 64.5939, 72.3567, 70.2363 by changing the saturation by 10% instead.

■ 64.5939, 72.3567,
70.2363

■ 64.5939, 72.3567,
70.2363

430.8995,
468.7822, 480.1908

■ 47.3953, 53.4501,
51.2412

110.5348,
122.5635, 121.2299

■ 33.5575, 38.1622,
36.0225

140.0078,
154.6326, 154.0656

■ 22.7152, 26.1086,
24.1618

174.3030,
191.8579, 192.3518

■ 14.5029, 16.9049,
15.2404

213.7858,
234.6238, 236.5072

■ 8.5553, 10.1667,
8.8398

258.8215,
283.3148, 286.9502

■ 4.5070, 5.5096,
4.5414

309.7754,

■ 1.9928, 2.5493,

338.3153, 344.0995

1.9268

367.0130,
400.0096, 408.3735

■ 0.6299, 0.9012,
0.5097

■ 0.0000, 0.0000,
0.0000

■ 64.5939, 72.3567,
70.2363

■ 64.5939, 72.3567,
70.2363

■ 56.1016, 68.2796,
56.3441

■ 74.3919, 77.0653,
86.2607

■ 48.8543, 64.7983,
44.4899

■ 85.5411, 82.4209,
104.4970

■ 42.7952, 61.8878,
34.5793

■ 86.4878, 82.8756,
106.0459

■ 37.8611, 59.5177,
26.5086

■ 33.9826, 57.6547,
20.1646

■ 31.0829, 56.2618,
15.4215

■ 29.0747, 55.2972,
12.1365

■ 27.8552, 54.7114,
10.1415

■ 27.2806, 54.4353,
9.2015

Harmonies

Analogous

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



66.6499, 72.3567, 65.7765



64.5939, 72.3567, 70.2363



63.6603, 72.3567, 77.2165

Triad

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



64.5939, 72.3567, 70.2363



68.2233, 72.3567, 94.7797



73.7039, 72.3567, 72.7988

Complementary

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



64.5939, 72.3567, 70.2363



67.6499, 66.7731, 81.2778

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.



74.1521, 72.3567, 80.3729



64.5939, 72.3567, 70.2363



70.9404, 72.3567, 93.4026

Square

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



64.5939, 72.3567, 70.2363



65.7196, 72.3567, 91.6460



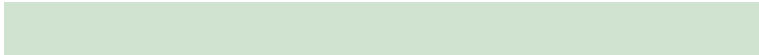
73.1283, 72.3567, 87.9988



71.9193, 72.3567, 67.1858

Rectangle

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



64.5939, 72.3567, 70.2363



63.7818, 72.3567, 82.4953



73.1283, 72.3567, 87.9988



74.0178, 72.3567, 75.1860

Sweetspot

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



64.5959, 72.3598, 70.2379



92.3882, 98.7214, 104.5462



69.9488, 75.1193, 70.4880



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



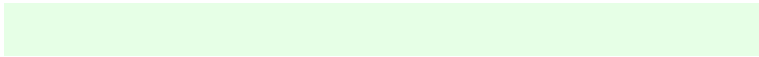
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5959, 72.3598, 70.2379



82.4458, 93.9456, 88.2839



65.7353, 72.8156, 76.2380



13.5289, 15.3373, 14.5542



15.5156, 31.0311, 5.1720



1.0755, 2.1509, 0.3585

Inverse Universe

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



67.6499, 66.7731, 81.2778



87.4477, 84.7957, 106.3652



66.4466, 66.2918, 74.9413



14.2951, 13.9357, 17.3240



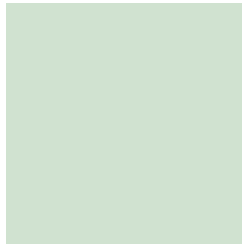
25.7241, 12.3566, 42.0744



1.7831, 0.8565, 2.9164

Previews

White Background



This preview shows how the XYZ color 64.5939, 72.3567, 70.2363 looks on a white background.

Color Contrast Check

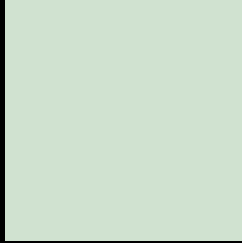
Large Text (above 18pt) WCAG AA × Fail

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 64.5939, 72.3567, 70.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

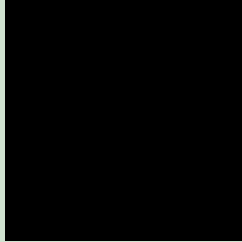
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

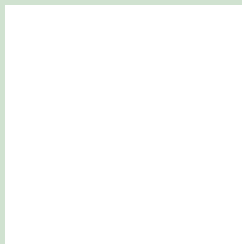
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5939, 72.3567, 70.2363

Background



This preview shows how black text looks on a background with the XYZ color 64.5939, 72.3567, 70.2363.

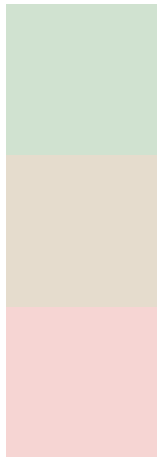


This preview shows how white text looks on a background with the XYZ color 64.5939, 72.3567,

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

64.5939, 72.3567, 70.2363

Protanopia

68.9257, 72.2522, 68.0709

Deuteranopia

73.5582, 71.8845, 71.6262



Tritanopia

68.8770, 72.0910, 91.9461

Trichromacy



Original Color

64.5939, 72.3567, 70.2363

Protanomaly

67.0806, 72.0709, 68.7681

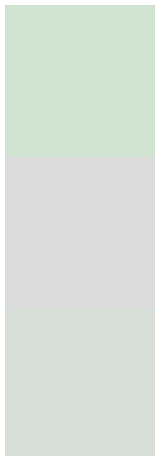
Deuteranomaly

69.9830, 71.9518, 71.1723

Tritanomaly

67.2552, 72.2257, 83.7950

Monochromacy



Original Color

64.5939, 72.3567, 70.2363

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 64.5939, 72.3567, 70.2363 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, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 226, 208) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 64.5939, 72.3567, 70.2363 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, 226, 208) }
```


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

```
.border{ border-color:rgb(208, 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(208, 226, 208)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 64.5939, 72.3567, 70.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(208,  
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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