

Converting Colors

XYZ(65.7449, 72.5330, 89.1324)

Have a look what the booklet for
XYZ(65.7449, 72.5330, 89.1324)
contains.

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Color

**XYZ(65.7449, 72.5330,
89.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E2EB
RGB	199, 226, 235
RGB Percent	78%, 89%, 92%
CMY	0.2196, 0.1137, 0.0784
CMYK	0.15, 0.04, 0.00, 0.08
HSL	195°, 47%, 85%
HSV	195°, 15%, 92%
XYZ	65.7449, 72.5330, 89.1324
YIQ	218.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

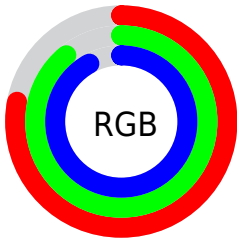
Format	Color
R _Y B	199, 214, 235
Decimal	13099755
CIE Lab	88.22, -7.05, -7.39
CIE LCh	88, 10.218, 226.361
Yxy	72.5330, 0.2891, 0.3190
Android (android.graphics.Color)	4291289835 (0xFFC7E2EB)
YUV	218.9530, 7.9112, -17.4988
Hunter-Lab	85.1663, -11.2464, -2.4346

Details

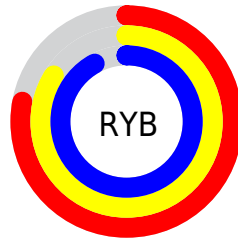
The XYZ color **65.7449, 72.5330, 89.1324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1260, 66.8971, 63.4086**, and the grayscale version is **67.2574, 70.7600, 77.0577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3766, 38.4002, 48.2480** is the 20% darker color. If you saturate the color by 10%, you get **58.4155, 66.4261, 88.3411**, and if you desaturate by 10%, it is **74.0961, 79.2517, 89.9902**.

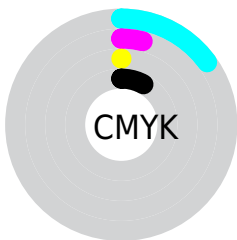
Distribution



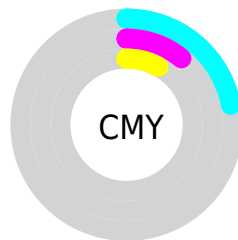
- Red (78%)
- Green (89%)
- Blue (92%)



- Red (78%)
- Yellow (84%)
- Blue (92%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7449, 72.5330, 89.1324 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 65.7449, 72.5330, 89.1324 by changing the saturation by 10% instead.

■ 65.7449, 72.5330,
89.1324

■ 65.7449, 72.5330,
89.1324

434.9670,
469.3947, 545.7016

■ 48.3323, 53.5942,
66.6916

112.1799,
122.8140, 148.0576

■ 34.3025, 38.2773,
48.3740

141.9330,
154.9250, 185.3792

■ 23.2900, 26.1980,
33.7611

176.5302,
192.1955, 228.4981

■ 14.9297, 16.9718,
22.4343

216.3371,
235.0099, 277.8329

■ 8.8560, 10.2144,
13.9750

261.7188,
283.7527, 333.8021

■ 4.7038, 5.5413,
7.9647

313.0408,

■ 2.1075, 2.5683,

338.8081, 396.8242

3.9849

370.6684,
400.5606, 467.3179

■ 0.6933, 0.9107,
1.6171

■ 0.0000, 0.0000,
0.3030

■ 65.7449, 72.5330,
89.1324

■ 65.7449, 72.5330,
89.1324

■ 58.4155, 66.4261,
88.3411

■ 74.0961, 79.2517,
89.9902

■ 52.0570, 60.8982,
87.6092

■ 83.5045, 86.5955,
90.9119

■ 46.6235, 55.9267,
86.9360

■ 88.4732, 91.7334,
91.6417

■ 42.0626, 51.4839,
86.3189

■ 90.2650, 95.3170,
92.2390

■ 38.3167, 47.5391,
85.7549

■ 91.9956, 98.7782,
92.8158

■ 35.3207, 44.0580,
85.2409

■ 32.9988, 41.0007,
84.7731

■ 31.2580, 38.3182,
84.3471

■ 30.5744, 37.1558,
84.1588

Harmonies

Analogous

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



64.5248, 72.5330, 82.8321



65.7449, 72.5330, 89.1324



67.8372, 72.5330, 92.8047

Triad

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



65.7449, 72.5330, 89.1324



73.6135, 72.5330, 82.1955



67.6238, 72.5330, 66.7423

Complementary

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



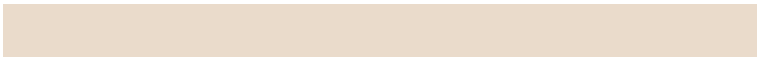
65.7449, 72.5330, 89.1324



67.1260, 66.8971, 63.4086

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.



70.0556, 72.5330, 66.5943



65.7449, 72.5330, 89.1324



73.5531, 72.5330, 75.2416

Square

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



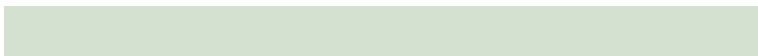
65.7449, 72.5330, 89.1324



72.4011, 72.5330, 88.6426



72.2379, 72.5330, 69.6222



65.5919, 72.5330, 70.0392

Rectangle

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



65.7449, 72.5330, 89.1324



69.4629, 72.5330, 93.1358



72.2379, 72.5330, 69.6222



68.4206, 72.5330, 66.3297

Sweetspot

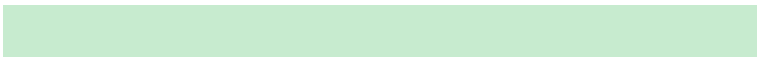
The Sweet Spot groups the original color and five complimentary colors.



65.7470, 72.5360, 89.1340



89.5057, 95.6453, 108.3517



64.5742, 76.0846, 70.5718



18.9967, 20.3443, 23.1756



0.0000, 0.0000, 0.0000



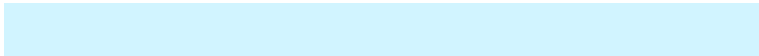
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7470, 72.5360, 89.1340



76.5820, 85.2083, 107.0183



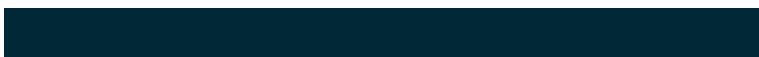
61.2522, 63.5464, 87.6358



15.1804, 16.4473, 19.2968



17.1222, 20.8913, 46.8730



1.4198, 1.7910, 3.7057

Inverse Universe

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



68.4135, 64.0015, 80.7028



80.3227, 73.4131, 95.1503



71.6044, 75.8539, 64.9014



15.5446, 15.2457, 18.1532



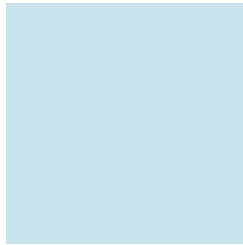
23.4978, 11.6018, 24.2204



1.8831, 0.9262, 2.1020

Previews

White Background



This preview shows how the XYZ color 65.7449, 72.5330, 89.1324 looks on a white background.

Color Contrast Check

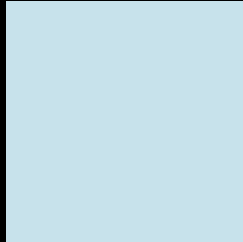
Large Text (above 18pt) WCAG AA × Fail

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 65.7449, 72.5330, 89.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

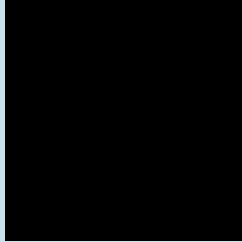
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

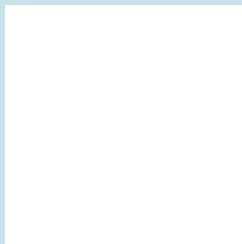
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7449, 72.5330, 89.1324

Background



This preview shows how black text looks on a background with the XYZ color 65.7449, 72.5330, 89.1324.

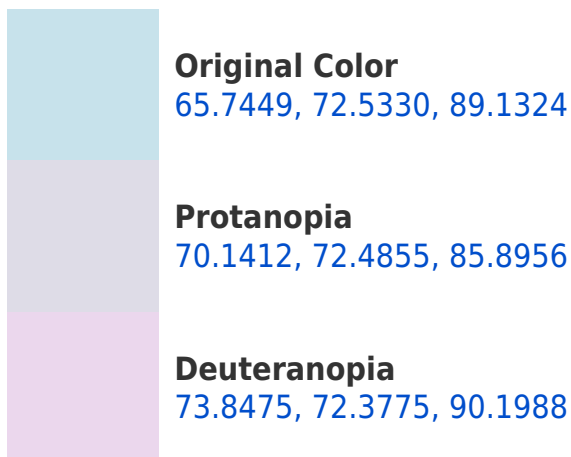


This preview shows how white text looks on a background with the XYZ color 65.7449, 72.5330,

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

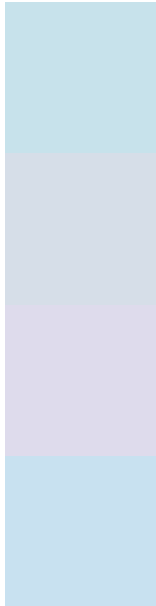




Tritanopia

66.9223, 72.6009, 95.2802

Trichromacy



Original Color

65.7449, 72.5330, 89.1324

Protanomaly

68.4183, 72.3649, 86.7057

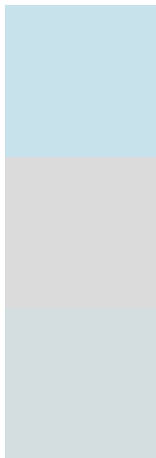
Deuteranomaly

70.5960, 72.2488, 89.5815

Tritanomaly

66.4728, 72.4211, 92.9132

Monochromacy



Original Color

65.7449, 72.5330, 89.1324

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8633, 71.6758, 81.5449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7449, 72.5330, 89.1324 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(199, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(199, 226, 235)  
}
```

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(199, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 226, 235) }
```

Border

The CSS property to change the border of an element to XYZ 65.7449, 72.5330, 89.1324 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(199, 226, 235) }
```


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

```
.border{ border-color:rgb(199, 226, 235) }
```

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

Here you see how a box with a 4 pixel rgb(199, 226, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(199, 226,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7449, 72.5330, 89.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 226, 235) }
```

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

```
.background{ background-color: rgb(199,  
226, 235) }
```

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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