

Converting Colors

XYZ(64.9630, 73.1438, 69.4028)

Have a look what the booklet for
XYZ(64.9630, 73.1438, 69.4028)
contains.

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Color

**XYZ(64.9042, 72.9497,
69.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3CE
RGB	209, 227, 206
RGB Percent	82%, 89%, 81%
CMY	0.1804, 0.1098, 0.1922
CMYK	0.08, 0.00, 0.09, 0.11
HSL	111°, 27%, 85%
HSV	111°, 9%, 89%
XYZ	64.9042, 72.9497, 69.0524
YIQ	219.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

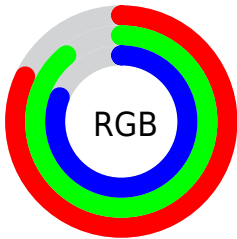
Format	Color
R _Y B	206, 227, 224
Decimal	13755342
CIE Lab	88.42, -9.80, 8.21
CIE LCh	88, 12.786, 140.056
Yxy	72.9497, 0.3137, 0.3526
Android (android.graphics.Color)	4291945422 (0xFFD1E3CE)
YUV	219.2240, -6.5194, -8.9664
Hunter-Lab	85.4106, -13.8250, 11.8529

Details

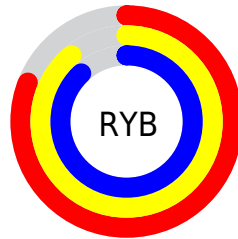
The XYZ color **64.9042, 72.9497, 69.0524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6797, 65.5379, 81.8124**, and the grayscale version is **67.5350, 71.0520, 77.3757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9376, 38.7406, 35.3947** is the 20% darker color. If you saturate the color by 10%, you get **57.1704, 69.2609, 55.3198**, and if you desaturate by 10%, it is **73.7128, 77.1508, 84.9175**.

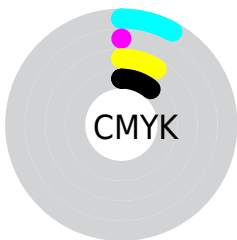
Distribution



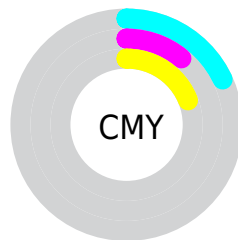
- Red (82%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9042, 72.9497, 69.0524 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 64.9042, 72.9497, 69.0524 by changing the saturation by 10% instead.

■ 64.9042, 72.9497,
69.0524

■ 64.9042, 72.9497,
69.0524

431.9983,
470.8405, 475.9147

■ 47.6478, 53.9348,
50.2824

110.9786,
123.4058, 119.5248

■ 33.7582, 38.5496,
35.2651

140.5273,
155.6158, 152.0643

■ 22.8699, 26.4095,
23.5819

174.9042,
192.9930, 190.0306

■ 14.6176, 17.1302,
14.8145

214.4746,
235.9218, 233.8424

■ 8.6360, 10.3274,
8.5441

259.6038,
284.7865, 283.9182

■ 4.5597, 5.6166,
4.3523

310.6573,

■ 2.0234, 2.6134,

339.9716, 340.6765

1.8205

368.0003,
401.8615, 404.5358

■ 0.6471, 0.9334,
0.4415

■ 0.0000, 0.0000,
0.0000

■ 64.9042, 72.9497,
69.0524

■ 64.9042, 72.9497,
69.0524

■ 57.1704, 69.2609,
55.3198

■ 73.7128, 77.1508,
84.9175

■ 50.4643, 66.0556,
43.6242

■ 83.6290, 81.8729,
102.9953

■ 44.7440, 63.3167,
33.8700

■ 86.7605, 83.4210,
106.1368

■ 39.9627, 61.0221,
25.9522

■ 36.0694, 59.1482,
19.7557

■ 33.0085, 57.6689,
15.1526

■ 30.7176, 56.5554,
11.9970

■ 29.1254, 55.7746,
10.1165

■ 28.1354, 55.2827,
9.2365

Harmonies

Analogous

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



67.3298, 72.9497, 64.5700



64.9042, 72.9497, 69.0524



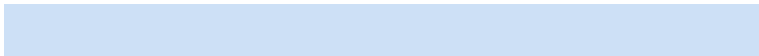
63.6776, 72.9497, 76.5430

Triad

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



64.9042, 72.9497, 69.0524



68.3210, 72.9497, 97.2917



75.0366, 72.9497, 73.7666

Complementary

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



64.9042, 72.9497, 69.0524



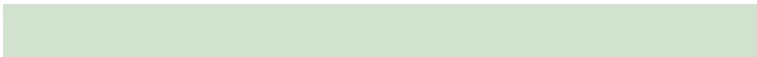
66.6797, 65.5379, 81.8124

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.



75.3211, 72.9497, 82.3883



64.9042, 72.9497, 69.0524



71.3827, 72.9497, 96.4107

Square

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



64.9042, 72.9497, 69.0524



65.6114, 72.9497, 93.1234



73.9661, 72.9497, 90.7981



73.2000, 72.9497, 67.1491

Rectangle

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



64.9042, 72.9497, 69.0524



63.6795, 72.9497, 82.4214



73.9661, 72.9497, 90.7981



75.3190, 72.9497, 76.5115

Sweetspot

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



64.9062, 72.9528, 69.0540



91.4711, 98.2945, 102.4308



69.4376, 74.0212, 69.0214



19.3786, 20.9437, 21.5638



0.0000, 0.0000, 0.0000



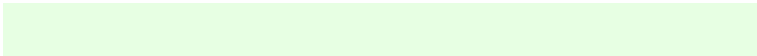
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9062, 72.9528, 69.0540



82.5591, 94.0449, 86.4380



64.9797, 72.8851, 73.8293



14.3799, 16.1874, 15.2710



16.4333, 32.2531, 5.3594



1.2750, 2.4147, 0.3989

Inverse Universe

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



66.6797, 65.5379, 81.8124



85.2868, 82.6389, 106.0635



66.6244, 65.6242, 76.6253



14.7821, 14.5054, 18.1651



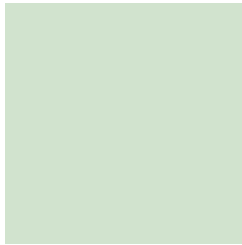
21.2241, 10.0073, 43.1961



1.6241, 0.7682, 3.1946

Previews

White Background



This preview shows how the XYZ color 64.9042, 72.9497, 69.0524 looks on a white background.

Color Contrast Check

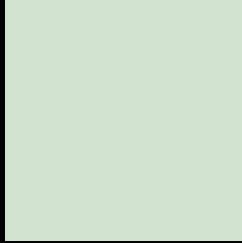
Large Text (above 18pt) WCAG AA × Fail

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 64.9042, 72.9497, 69.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

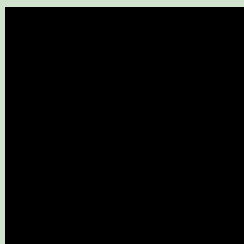
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

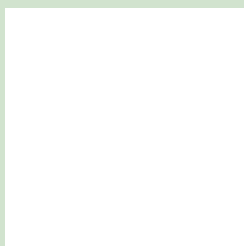
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9042, 72.9497, 69.0524

Background



This preview shows how black text looks on a background with the XYZ color 64.9042, 72.9497, 69.0524.



This preview shows how white text looks on a background with the XYZ color 64.9042, 72.9497,

69.0524.

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

64.9042, 72.9497, 69.0524

Protanopia

69.2691, 72.8477, 66.9101

Deuteranopia

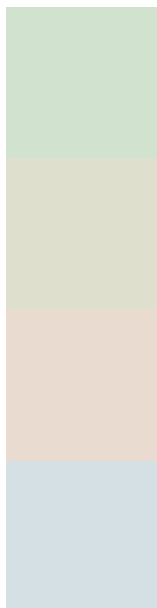
74.2666, 72.6530, 70.4308



Tritanopia

69.5810, 72.8300, 92.8284

Trichromacy



Original Color

64.9042, 72.9497, 69.0524

Protanomaly

67.4110, 72.6646, 67.5995

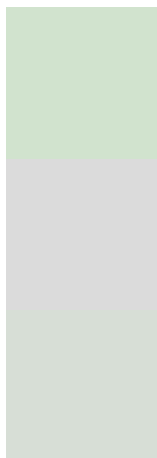
Deuteranomaly

70.6484, 72.7095, 69.9853

Tritanomaly

67.8106, 72.9098, 83.8978

Monochromacy



Original Color

64.9042, 72.9497, 69.0524

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.2832, 71.5447, 73.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9042, 72.9497, 69.0524 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, 227, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 206)  
}
```

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, 227, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.9042, 72.9497, 69.0524 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, 227, 206) }
```


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

```
.border{ border-color:rgb(209, 227, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9042, 72.9497, 69.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 206) }
```

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

```
.background{ background-color: rgb(209,  
227, 206) }
```

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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