

Converting Colors

XYZ(68.1142, 74.8758, 69.8947)

Have a look what the booklet for
XYZ(68.1142, 74.8758, 69.8947)
contains.

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Color

**XYZ(68.2193, 75.0519,
69.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE4CF
RGB	219, 228, 207
RGB Percent	86%, 89%, 81%
CMY	0.1412, 0.1059, 0.1882
CMYK	0.04, 0.00, 0.09, 0.11
HSL	86°, 28%, 85%
HSV	86°, 9%, 89%
XYZ	68.2193, 75.0519, 69.9224
YIQ	222.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

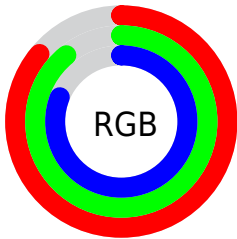
Format	Color
RYB	207, 228, 216
Decimal	14410959
CIELab	89.42, -6.71, 9.20
CIELCh	89, 11.392, 126.107
Yxy	75.0519, 0.3200, 0.3520
Android (android.graphics.Color)	4292601039 (0xFFD8E4CF)
YUV	222.9150, -7.8461, -3.4335
Hunter-Lab	86.6325, -11.0459, 12.7889

Details

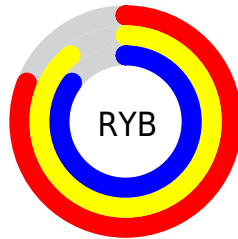
The XYZ color **68.2193, 75.0519, 69.9224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6383, 64.8281, 82.5091**, and the grayscale version is **70.1340, 73.7864, 80.3534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0032, 40.0796, 35.9756** is the 20% darker color. If you saturate the color by 10%, you get **62.7764, 72.5473, 56.1524**, and if you desaturate by 10%, it is **74.2417, 77.8131, 85.8239**.

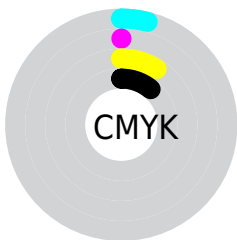
Distribution



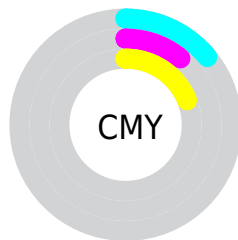
- Red (86%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2193, 75.0519, 69.9224 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 68.2193, 75.0519, 69.9224 by changing the saturation by 10% instead.

68.2193, 75.0519,
69.9224

68.2193, 75.0519,
69.9224

443.6372,
478.0959, 479.0593

50.3505, 55.6554,
50.9869

115.7060,
126.3858, 120.7782

35.9109, 39.9267,
35.8215

146.0546,
159.0921, 153.5355

24.5352, 27.4814,
24.0078

181.2938,
197.0036, 191.7371

15.8580, 17.9351,
15.1271

221.7891,
240.5050, 235.8016

9.5139, 10.9034,
8.7610

267.9057,
289.9805, 286.1476

5.1377, 6.0019,
4.4910

320.0090,

2.3638, 2.8462,

345.8146, 343.1934

1.8984

378.4644,
408.3916, 407.3578

■ 0.8270, 1.0520,
0.4917

■ 0.0000, 0.0000,
0.0000

■ 68.2193, 75.0519,
69.9224

■ 68.2193, 75.0519,
69.9224

■ 62.7764, 72.5473,
56.1524

■ 74.2417, 77.8131,
85.8239

■ 57.8866, 70.2812,
44.4184

■ 80.8563, 80.8290,
103.9371

■ 53.5306, 68.2478,
34.6250

■ 84.6217, 82.7258,
106.1154

■ 49.6853, 66.4377,
26.6670

■ 87.0349, 83.9698,
106.2283

■ 46.3258, 64.8404,
20.4295

■ 43.4246, 63.4446,
15.7846

■ 40.9504, 62.2373,
12.5863

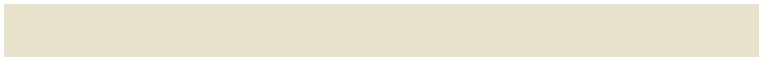
■ 38.8672, 61.2038,
10.6621

■ 37.1193, 60.3214,
9.7384

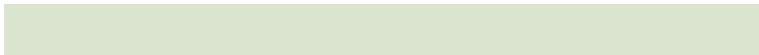
Harmonies

Analogous

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



70.7653, 75.0519, 67.3725



68.2193, 75.0519, 69.9224



66.5406, 75.0519, 75.6518

Triad

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



68.2193, 75.0519, 69.9224



69.1834, 75.0519, 96.5884



76.8036, 75.0519, 80.0949

Complementary

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



68.2193, 75.0519, 69.9224



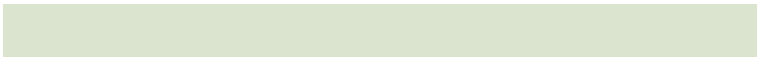
64.6383, 64.8281, 82.5091

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.



76.3534, 75.0519, 88.1018



68.2193, 75.0519, 69.9224



71.9069, 75.0519, 97.9695

Square

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



68.2193, 75.0519, 69.9224



67.0870, 75.0519, 91.1124



74.5433, 75.0519, 94.7724



75.7577, 75.0519, 72.9940

Rectangle

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



68.2193, 75.0519, 69.9224



66.1144, 75.0519, 80.6799



74.5433, 75.0519, 94.7724



76.8225, 75.0519, 82.7665

Sweetspot

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



68.2214, 75.0551, 69.9240



92.6463, 98.9003, 102.4858



67.7521, 69.9854, 68.9702



19.6951, 21.1069, 21.5786



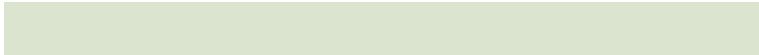
0.0000, 0.0000, 0.0000



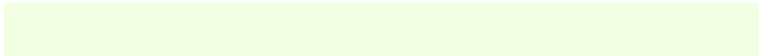
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2214, 75.0551, 69.9240



86.5717, 96.1135, 86.6258



65.2320, 73.5141, 69.7841



14.9736, 16.4935, 15.2988



21.4969, 34.8635, 5.5963



1.6944, 2.6309, 0.4185

Inverse Universe

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



64.6383, 64.8281, 82.5091



81.0936, 80.4772, 105.8673



67.7617, 66.4383, 82.6552



14.1658, 14.1877, 18.1362



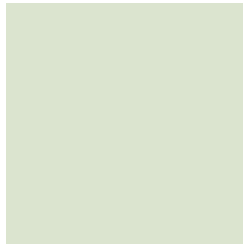
11.1085, 4.7925, 42.7227



0.9254, 0.4080, 3.1620

Previews

White Background



This preview shows how the XYZ color 68.2193, 75.0519, 69.9224 looks on a white background.

Color Contrast Check

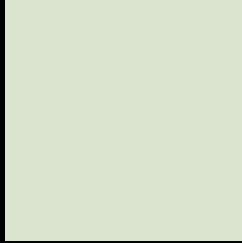
Large Text (above 18pt) WCAG AA × Fail

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 68.2193, 75.0519, 69.9224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

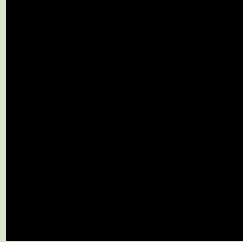
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

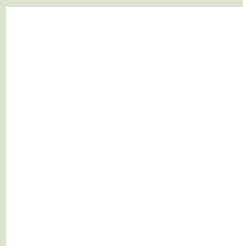
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2193, 75.0519, 69.9224

Background



This preview shows how black text looks on a background with the XYZ color 68.2193, 75.0519, 69.9224.



This preview shows how white text looks on a background with the XYZ color 68.2193, 75.0519,

69.9224.

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

68.2193, 75.0519, 69.9224

Protanopia

71.2794, 75.0427, 68.4855

Deuteranopia

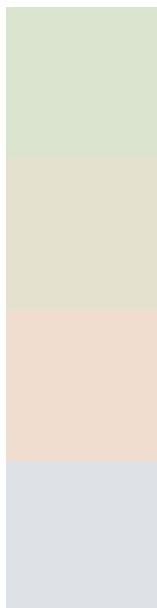
76.4664, 74.9246, 70.7533



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

68.2193, 75.0519, 69.9224

Protanomaly

70.0607, 74.8006, 69.1379

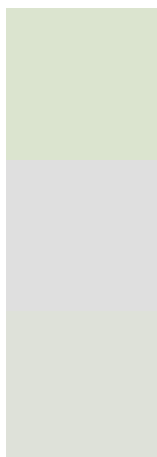
Deuteranomaly

73.1768, 74.7922, 70.2540

Tritanomaly

71.1923, 75.0372, 84.8601

Monochromacy



Original Color

68.2193, 75.0519, 69.9224

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.5738, 74.3898, 76.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2193, 75.0519, 69.9224 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(219, 228, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 228, 207)  
}
```

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(219, 228, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 228, 207) }
```

Border

The CSS property to change the border of an element to XYZ 68.2193, 75.0519, 69.9224 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(219, 228, 207) }
```


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

```
.border{ border-color:rgb(219, 228, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 228, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 228, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 228, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 228,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2193, 75.0519, 69.9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 228, 207) }
```

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

```
.background{ background-color: rgb(219,  
228, 207) }
```

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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