

Converting Colors

XYZ(69.0563, 74.7838, 75.4868)

Have a look what the booklet for
XYZ(69.0563, 74.7838, 75.4868)
contains.

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Color

**XYZ(69.0772, 74.9561,
75.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE3D8
RGB	219, 227, 216
RGB Percent	86%, 89%, 85%
CMY	0.1412, 0.1098, 0.1529
CMYK	0.04, 0.00, 0.05, 0.11
HSL	104°, 16%, 87%
HSV	104°, 5%, 89%
XYZ	69.0772, 74.9561, 75.7930
YIQ	223.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

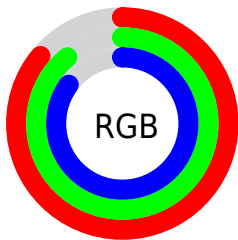
Format	Color
R _Y B	216, 227, 224
Decimal	14410712
CIE Lab	89.37, -4.65, 4.43
CIE LCh	89, 6.421, 136.417
Yxy	74.9561, 0.3142, 0.3410
Android (android.graphics.Color)	4292600792 (0xFFDBE3D8)
YUV	223.3540, -3.6255, -3.8185
Hunter-Lab	86.5772, -9.0906, 8.6993

Details

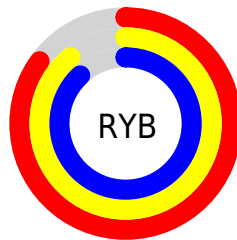
The XYZ color **69.0772, 74.9561, 75.7930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1643, 70.5071, 82.6408**, and the grayscale version is **70.4184, 74.0856, 80.6792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4954, 39.9708, 39.5098** is the 20% darker color. If you saturate the color by 10%, you get **61.6196, 71.4297, 61.1680**, and if you desaturate by 10%, it is **77.4373, 78.9052, 92.5797**.

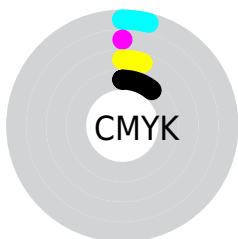
Distribution



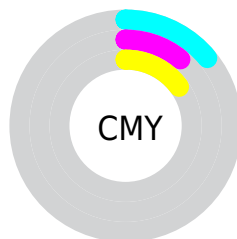
- Red (86%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0772, 74.9561, 75.7930 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 69.0772, 74.9561, 75.7930 by changing the saturation by 10% instead.

■ 69.0772, 74.9561,
75.7930

■ 69.0772, 74.9561,
75.7930

446.6203,
477.7667, 499.9668

■ 51.0515, 55.5769,
55.7571

116.9253,
126.2502, 129.1917

■ 36.4708, 39.8638,
39.6056

147.4784,
158.9340, 163.3916

■ 24.9698, 27.4324,
26.9197

182.9379,
196.8213, 203.1499

■ 16.1832, 17.8982,
17.2810

223.6693,
240.2967, 248.8852

■ 9.7455, 10.8769,
10.2710

270.0379,
289.7446, 301.0159

■ 5.2915, 5.9841,
5.4710

322.4090,

■ 2.4558, 2.8354,

345.5493, 359.9608

2.4627

381.1480,
408.0952, 426.1382

■ 0.8730, 1.0464,
0.8203

■ 0.0000, 0.0000,
0.0000

■ 69.0772, 74.9561,
75.7930

■ 69.0772, 74.9561,
75.7930

■ 61.6196, 71.4297,
61.1680

■ 77.4373, 78.9052,
92.5797

■ 55.0275, 68.3024,
48.6122

■ 85.6746, 82.8612,
106.0860

■ 49.2702, 65.5626,
38.0336

■ 86.7605, 83.4211,
106.1368

■ 44.3131, 63.1946,
29.3312

■ 40.1189, 61.1816,
22.3953

■ 36.6471, 59.5053,
17.1046

■ 33.8531, 58.1458,
13.3227

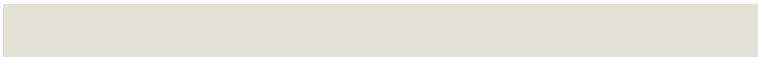
■ 31.6867, 57.0806,
10.8912

■ 30.0894, 56.2837,
9.6161

Harmonies

Analogous

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



70.3930, 74.9561, 73.5922



69.0772, 74.9561, 75.7930



68.3468, 74.9561, 79.5990

Triad

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



69.0772, 74.9561, 75.7930



70.5363, 74.9561, 90.3179



74.1813, 74.9561, 79.1932

Complementary

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



69.0772, 74.9561, 75.7930



69.1643, 70.5071, 82.6408

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.



74.2210, 74.9561, 83.6637



69.0772, 74.9561, 75.7930



72.1009, 74.9561, 90.1995

Square

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



69.0772, 74.9561, 75.7930



69.1807, 74.9561, 88.0444



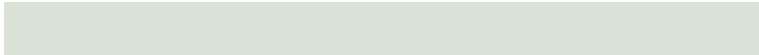
73.4547, 74.9561, 87.7266



73.3469, 74.9561, 75.5054

Rectangle

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



69.0772, 74.9561, 75.7930



68.2830, 74.9561, 82.5853



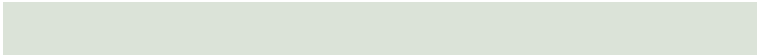
73.4547, 74.9561, 87.7266



74.2884, 74.9561, 80.6512

Sweetspot

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



69.0793, 74.9593, 75.7946



93.9630, 99.4867, 106.7203



70.7006, 74.5406, 75.6284



20.1234, 21.2997, 22.8655



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.



69.0793, 74.9593, 75.7946



88.7071, 97.0035, 96.2528



68.4954, 74.6224, 77.3882



15.0365, 16.5055, 16.2255



17.2705, 32.6847, 5.3985



1.3634, 2.4602, 0.4030

Inverse Universe

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



69.1643, 70.5071, 82.6408



88.8439, 89.8412, 107.2662



69.7755, 70.8600, 80.9633



15.0620, 15.1702, 18.2786



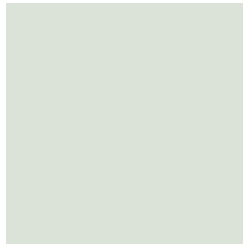
17.2672, 7.9675, 43.0110



1.3640, 0.6341, 3.1825

Previews

White Background



This preview shows how the XYZ color 69.0772, 74.9561, 75.7930 looks on a white background.

Color Contrast Check

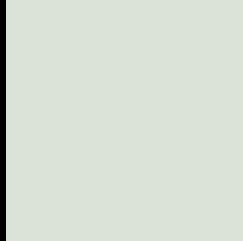
Large Text (above 18pt) WCAG AA × Fail

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 69.0772, 74.9561, 75.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

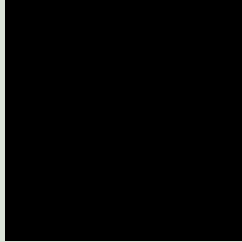
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

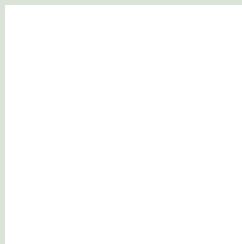
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0772, 74.9561, 75.7930

Background



This preview shows how black text looks on a background with the XYZ color 69.0772, 74.9561, 75.7930.



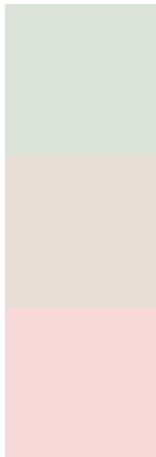
This preview shows how white text looks on a background with the XYZ color 69.0772, 74.9561,

75.7930.

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

69.0772, 74.9561, 75.7930

Protanopia

71.4803, 74.6193, 74.2539

Deuteranopia

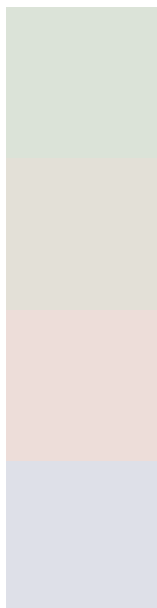
76.1791, 74.6441, 76.7223



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

69.0772, 74.9561, 75.7930

Protanomaly

70.5999, 74.5485, 74.9583

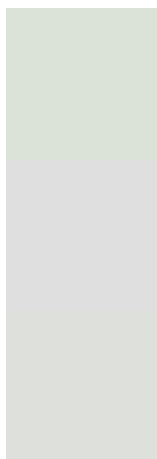
Deuteranomaly

73.3059, 74.7272, 76.2058

Tritanomaly

71.3453, 74.6671, 86.9958

Monochromacy



Original Color

69.0772, 74.9561, 75.7930

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6981, 74.0082, 78.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0772, 74.9561, 75.7930 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, 227, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 216)  
}
```

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, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 216) }
```

Border

The CSS property to change the border of an element to XYZ 69.0772, 74.9561, 75.7930 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, 227, 216) }
```


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

```
.border{ border-color:rgb(219, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 227, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 227, 216); box-shadow:4px 4px 4px 4px rgb(219, 227, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0772, 74.9561, 75.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 216) }
```

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

```
.background{ background-color: rgb(219,  
227, 216) }
```

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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