

Converting Colors

XYZ(69.3681, 74.8706, 75.7351)

Have a look what the booklet for
XYZ(69.3681, 74.8706, 75.7351)
contains.

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Color

**XYZ(69.4098, 74.7227,
75.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2D8
RGB	221, 226, 216
RGB Percent	87%, 89%, 85%
CMY	0.1333, 0.1137, 0.1529
CMYK	0.02, 0.00, 0.04, 0.11
HSL	90°, 15%, 87%
HSV	90°, 4%, 89%
XYZ	69.4098, 74.7227, 75.7304
YIQ	223.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

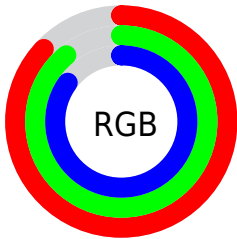
Format	Color
RYB	216, 226, 221
Decimal	14541528
CIELab	89.26, -3.46, 4.29
CIELCh	89, 5.508, 128.899
Yxy	74.7227, 0.3157, 0.3399
Android (android.graphics.Color)	4292731608 (0xFFDDE2D8)
YUV	223.3650, -3.6309, -2.0741
Hunter-Lab	86.4423, -7.9455, 8.5668

Details

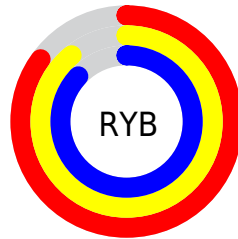
The XYZ color **69.4098, 74.7227, 75.7304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1050, 69.9769, 81.8727**, and the grayscale version is **70.4254, 74.0930, 80.6873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7218, 39.8060, 39.4661** is the 20% darker color. If you saturate the color by 10%, you get **63.3602, 71.9209, 61.2297**, and if you desaturate by 10%, it is **76.0974, 77.8113, 92.3619**.

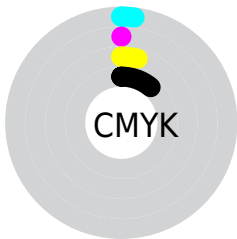
Distribution



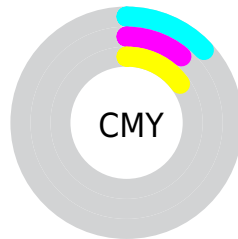
- Red (87%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4098, 74.7227, 75.7304 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 69.4098, 74.7227, 75.7304 by changing the saturation by 10% instead.

■ 69.4098, 74.7227,
75.7304

■ 69.4098, 74.7227,
75.7304

447.7738,
476.9639, 499.7466

■ 51.3234, 55.3857,
55.7061

117.3976,
125.9198, 129.1023

■ 36.6881, 39.7106,
39.5649

148.0296,
158.5486, 163.2871

■ 25.1387, 27.3130,
26.8883

183.5743,
196.3770, 203.0291

■ 16.3097, 17.8084,
17.2577

224.3969,
239.7891, 248.7468

■ 9.8358, 10.8125,
10.2545

270.8628,
289.1695, 300.8589

■ 5.3516, 5.9409,
5.4602

323.3373,

■ 2.4919, 2.8092,

344.9025, 359.7839

2.4563

382.1859,
407.3725, 425.9402

■ 0.8912, 1.0329,
0.8169

■ 0.0000, 0.0000,
0.0000

■ 69.4098, 74.7227,
75.7304

■ 69.4098, 74.7227,
75.7304

■ 63.3602, 71.9209,
61.2297

■ 76.0974, 77.8113,
92.3619

■ 57.9214, 69.3872,
48.7688

■ 82.4214, 80.7793,
105.8556

■ 53.0735, 67.1157,
38.2574

■ 86.4572, 82.8598,
106.0445

■ 48.7928, 65.0962,
29.5966

■ 86.4878, 82.8756,
106.0459

■ 45.0541, 63.3180,
22.6787

■ 41.8296, 61.7696,
17.3849

■ 39.0886, 60.4379,
13.5816

■ 36.7962, 59.3084,
11.1138

■ 34.9106, 58.3636,
9.7926

Harmonies

Analogous

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



70.6223, 74.7227, 74.2591



69.4098, 74.7227, 75.7304



68.6358, 74.7227, 78.7225

Triad

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



69.4098, 74.7227, 75.7304



70.0946, 74.7227, 88.4688



73.6079, 74.7227, 80.2197

Complementary

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



69.4098, 74.7227, 75.7304



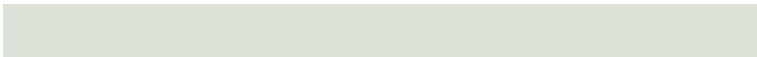
68.1050, 69.9769, 81.8727

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.



73.4622, 74.7227, 84.0564



69.4098, 74.7227, 75.7304



71.4226, 74.7227, 88.9004

Square

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



69.4098, 74.7227, 75.7304



69.0277, 74.7227, 86.1012



72.6583, 74.7227, 87.2626



73.0537, 74.7227, 76.7967

Rectangle

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



69.4098, 74.7227, 75.7304



68.4669, 74.7227, 81.2181



72.6583, 74.7227, 87.2626



73.6393, 74.7227, 81.5027

Sweetspot

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



69.4119, 74.7259, 75.7320



94.1744, 99.5957, 106.7302



69.6180, 72.8423, 75.3576



20.1664, 21.3218, 22.8675



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.



69.4119, 74.7259, 75.7320



90.7570, 98.0162, 98.3370



67.9121, 73.9527, 75.6618



14.6763, 15.9027, 15.7871



19.5340, 33.1027, 5.3599



1.4573, 2.3477, 0.3764

Inverse Universe

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



68.1050, 69.9769, 81.8727



88.8110, 90.9446, 107.4810



69.6502, 70.7735, 81.9450



14.3216, 14.6139, 17.4536



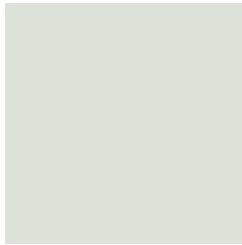
11.8573, 5.2080, 41.4287



0.9252, 0.4142, 2.8764

Previews

White Background



This preview shows how the XYZ color 69.4098, 74.7227, 75.7304 looks on a white background.

Color Contrast Check

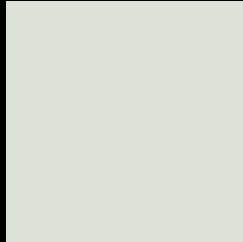
Large Text (above 18pt) WCAG AA × Fail

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 69.4098, 74.7227, 75.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

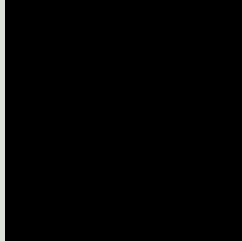
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

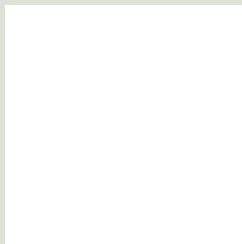
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4098, 74.7227, 75.7304

Background



This preview shows how black text looks on a background with the XYZ color 69.4098, 74.7227, 75.7304.



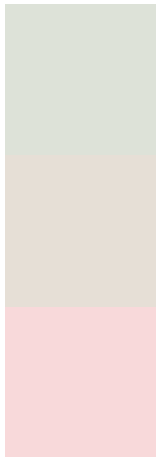
This preview shows how white text looks on a background with the XYZ color 69.4098, 74.7227,

75.7304.

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

69.4098, 74.7227, 75.7304

Protanopia

71.1584, 74.4534, 74.2388

Deuteranopia

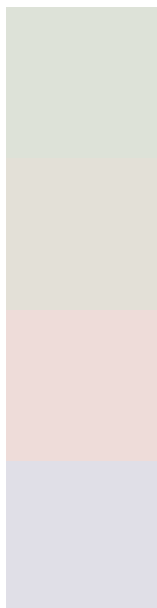
76.1791, 74.6441, 76.7223



Tritanopia

72.9008, 74.5414, 92.9837

Trichromacy



Original Color

69.4098, 74.7227, 75.7304

Protanomaly

70.5999, 74.5485, 74.9583

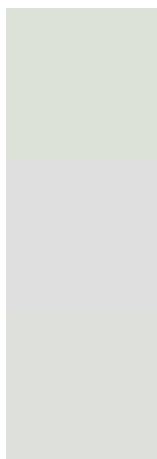
Deuteranomaly

73.3775, 74.3733, 76.1337

Tritanomaly

71.5520, 74.3922, 86.1892

Monochromacy



Original Color

69.4098, 74.7227, 75.7304

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 69.4098, 74.7227, 75.7304 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(221, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 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(221, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 216) }
```

Border

The CSS property to change the border of an element to XYZ 69.4098, 74.7227, 75.7304 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(221, 226, 216) }
```


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

```
.border{ border-color:rgb(221, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 216); box-shadow:4px 4px 4px 4px rgb(221, 226, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4098, 74.7227, 75.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 216) }
```

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

```
.background{ background-color: rgb(221,  
226, 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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