

# Converting Colors

XYZ(69.1476, 75.0869, 79.2495)

Have a look what the booklet for  
XYZ(69.1476, 75.0869, 79.2495)  
contains.

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# **Color**

**XYZ(69.1355, 74.9103,  
79.2219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E3DD
RGB	217, 227, 221
RGB Percent	85%, 89%, 87%
CMY	0.1490, 0.1098, 0.1333
CMYK	0.04, 0.00, 0.03, 0.11
HSL	144°, 15%, 87%
HSV	144°, 4%, 89%
XYZ	69.1355, 74.9103, 79.2219
YIQ	223.3260, -4.0340, -3.9860

# Conversions

## Conversions Part 2

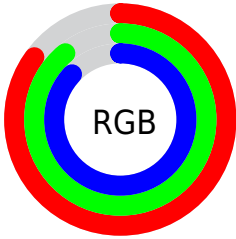
Format	Color
R <sub>Y</sub> B	217, 224, 227
Decimal	14279645
CIE Lab	89.35, -4.43, 1.76
CIE LCh	89, 4.767, 158.387
Yxy	74.9103, 0.3097, 0.3355
Android (android.graphics.Color)	4292469725 (0xFFD9E3DD)
YUV	223.3260, -1.1467, -5.5479
Hunter-Lab	86.5507, -8.8805, 6.3160

# Details

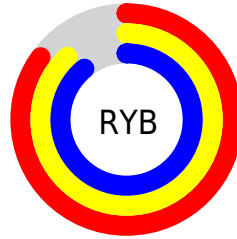
The XYZ color **69.1355, 74.9103, 79.2219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8134, 71.2863, 79.8958**, and the grayscale version is **70.3827, 74.0481, 80.6384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5357, 39.9396, 41.8599** is the 20% darker color. If you saturate the color by 10%, you get **61.1048, 70.9737, 69.7528**, and if you desaturate by 10%, it is **78.2459, 79.3907, 89.5136**.

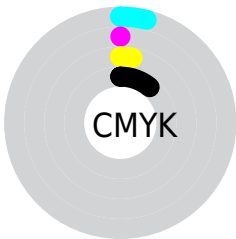
# Distribution



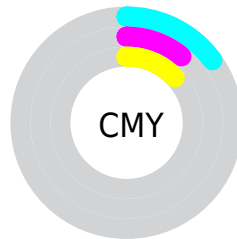
- Red (85%)
- Green (89%)
- Blue (87%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1355, 74.9103, 79.2219 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 69.1355, 74.9103, 79.2219 by changing the saturation by 10% instead.



69.1355, 74.9103,  
79.2219

69.1355, 74.9103,  
79.2219

446.8226,  
477.6092, 511.9442

51.0991, 55.5394,  
58.5559

117.0081,  
126.1854, 134.0727

36.5089, 39.8338,  
41.8380

147.5750,  
158.8584, 169.0946

24.9994, 27.4090,  
28.6499

183.0495,  
196.7342, 209.7388

16.2053, 17.8806,  
18.5728

223.7969,  
240.1972, 256.4239

9.7613, 10.8643,  
11.1883

270.1825,  
289.6318, 309.5684

5.3020, 5.9757,  
6.0779

322.5718,

2.4621, 2.8303,

345.4224, 369.5910

2.8230

381.3301,  
407.9534, 436.9100

■ 0.8762, 1.0438,  
1.0050

■ 0.0000, 0.0000,  
0.0000

■ 69.1355, 74.9103,  
79.2219

■ 69.1355, 74.9103,  
79.2219

■ 61.1048, 70.9737,  
69.7528

■ 78.2459, 79.3907,  
89.5136

■ 54.1063, 67.5505,  
61.0813

■ 85.6924, 82.9938,  
100.5123

■ 48.0983, 64.6218,  
53.1882

■ 86.7605, 83.4210,  
106.1368

■ 43.0337, 62.1636,  
46.0515

■ 38.8616, 60.1502,  
39.6486

■ 35.5258, 58.5531,  
33.9553

■ 32.9636, 57.3405,  
28.9464

■ 31.1026, 56.4755,  
24.5946

■ 29.8551, 55.9135,  
20.8708

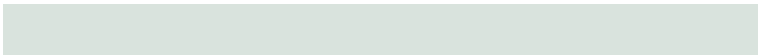
# Harmonies

## Analogous

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



69.8166, 74.9103, 76.6335



69.1355, 74.9103, 79.2219



69.0045, 74.9103, 82.5049

# Triad

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



69.1355, 74.9103, 79.2219



71.5276, 74.9103, 88.0844



72.9722, 74.9103, 77.6412

# Complementary

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



69.1355, 74.9103, 79.2219



69.8134, 71.2863, 79.8958

# 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.



73.4416, 74.9103, 80.6314



69.1355, 74.9103, 79.2219



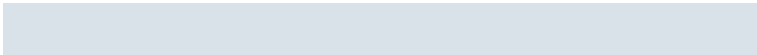
72.6016, 74.9103, 86.7027

# Square

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



69.1355, 74.9103, 79.2219



70.3772, 74.9103, 87.6821



73.3052, 74.9103, 83.9530



72.0291, 74.9103, 75.7384



# Rectangle

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



69.1355, 74.9103, 79.2219



69.2454, 74.9103, 84.6561



73.3052, 74.9103, 83.9530



73.1911, 74.9103, 78.5492

# Sweetspot

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



69.1376, 74.9135, 79.2235



93.8726, 99.4214, 107.5639



70.4791, 75.6659, 76.5371



20.1050, 21.2864, 23.0372



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

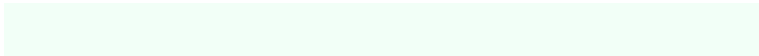


# Same Dimension

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



69.1376, 74.9135, 79.2235



89.3061, 97.1784, 102.3280



69.7915, 75.1751, 82.6669



15.1184, 16.5235, 17.3214



17.1694, 32.4999, 11.3926



1.3136, 2.4196, 1.0781



# Inverse Universe

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



69.8134, 71.2863, 79.8958



90.3065, 91.8092, 103.3231



69.1704, 71.0291, 76.5098



15.3102, 15.4944, 17.5121



21.1355, 10.5884, 14.8744

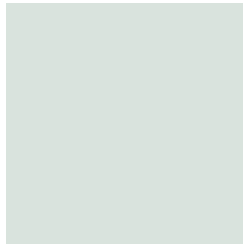


1.6074, 0.8007, 1.3392



# Previews

## White Background



This preview shows how the XYZ color 69.1355, 74.9103, 79.2219 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

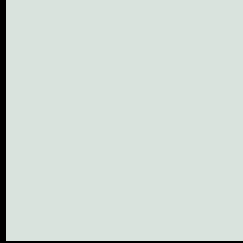
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.1355, 74.9103, 79.2219 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

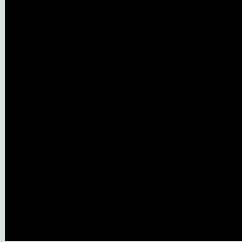
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

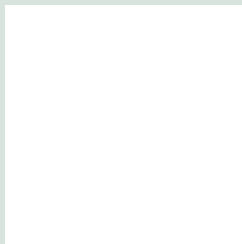
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 69.1355, 74.9103, 79.2219

## Background



This preview shows how black text looks on a background with the XYZ color 69.1355, 74.9103, 79.2219.



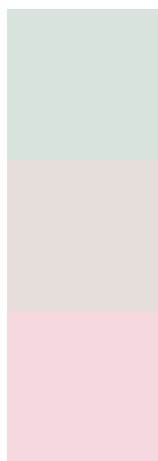
This preview shows how white text looks on a background with the XYZ color 69.1355, 74.9103,



# 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

69.1355, 74.9103, 79.2219

### Protanopia

71.8070, 74.7128, 77.6542

### Deuteranopia

76.1382, 74.5463, 80.1880



## Tritanopia

72.1979, 74.9378, 94.6636

# Trichromacy



## Original Color

69.1355, 74.9103, 79.2219

## Protanomaly

70.6253, 74.4862, 78.3651

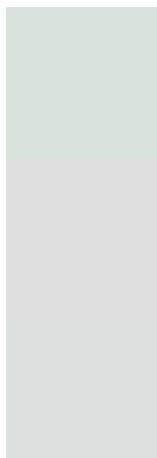
## Deuteranomaly

73.3022, 74.6490, 79.6525

## Tritanomaly

70.9899, 74.8510, 88.5480

# Monochromacy



## Original Color

69.1355, 74.9103, 79.2219

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

69.6593, 73.9574, 79.7110

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.1355, 74.9103, 79.2219 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(217, 227, 221) looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 221)  
}
```

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(217, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 69.1355, 74.9103, 79.2219 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(217, 227, 221) }
```



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

```
.border{ border-color:rgb(217, 227, 221) }
```

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

Here you see how a box with a 4 pixel rgb(217, 227, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.1355, 74.9103, 79.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 221) }
```

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

```
.background{ background-color: rgb(217,  
227, 221) }
```

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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