

Converting Colors

XYZ(69.2219, 73.8991, 79.6008)

Have a look what the booklet for
XYZ(69.2219, 73.8991, 79.6008)
contains.

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Color

**XYZ(69.0539, 73.6453,
79.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE0DE
RGB	219, 224, 222
RGB Percent	86%, 88%, 87%
CMY	0.1412, 0.1215, 0.1294
CMYK	0.02, 0.00, 0.01, 0.12
HSL	156°, 7%, 87%
HSV	156°, 2%, 88%
XYZ	69.0539, 73.6453, 79.6827
YIQ	222.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

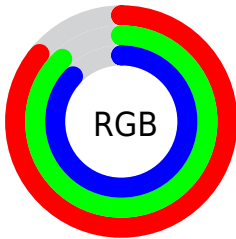
Format	Color
RYB	219, 222, 224
Decimal	14409950
CIELab	88.75, -2.04, 0.38
CIELCh	89, 2.073, 169.452
Yxy	73.6453, 0.3105, 0.3312
Android (android.graphics.Color)	4292600030 (0xFFDBE0DE)
YUV	222.2770, -0.1366, -2.8739
Hunter-Lab	85.8168, -6.5466, 5.0198

Details

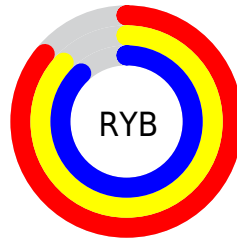
The XYZ color **69.0539, 73.6453, 79.6827** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1259, 71.7327, 78.6127**, and the grayscale version is **69.6308, 73.2570, 79.7769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4729, 39.0585, 42.1759** is the 20% darker color. If you saturate the color by 10%, you get **61.5930, 69.9364, 73.2247**, and if you desaturate by 10%, it is **77.4899, 77.8537, 86.5233**.

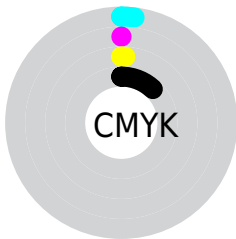
Distribution



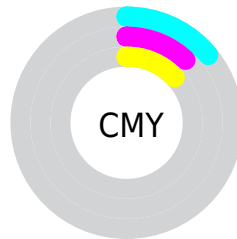
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0539, 73.6453, 79.6827 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 69.0539, 73.6453, 79.6827 by changing the saturation by 10% instead.

■ 69.0539, 73.6453,
79.6827

■ 69.0539, 73.6453,
79.6827

446.5395,
473.2483, 513.5414

■ 51.0324, 54.5038,
58.9327

116.8922,
124.3929, 134.7269

■ 36.4555, 39.0046,
42.1393

147.4397,
156.7677, 169.8581

■ 24.9580, 26.7633,
28.8840

182.8933,
194.3224, 210.6202

■ 16.1743, 17.3955,
18.7482

223.6183,
237.4414, 257.4316

■ 9.7392, 10.5169,
11.3135

269.9800,
286.5091, 310.7108

■ 5.2873, 5.7430,
6.1613

322.3439,

■ 2.4533, 2.6894,

341.9099, 370.8765

2.8730

381.0753,
404.0282, 438.3472

■ 0.8718, 0.9718,
1.0302

■ 0.0000, 0.0000,
0.0000

■ 69.0539, 73.6453,
79.6827

■ 69.0539, 73.6453,
79.6827

■ 61.5930, 69.9364,
73.2247

■ 77.4899, 77.8537,
86.5233

■ 55.0638, 66.6985,
67.1376

■ 83.6165, 80.8619,
93.5932

■ 49.4293, 63.9145,
61.4159

■ 84.9821, 81.4081,
100.7842

■ 44.6471, 61.5630,
56.0522

■ 85.9471, 81.7941,
105.8657

■ 40.6713, 59.6203,
51.0389

■ 37.4519, 58.0606,
46.3679

■ 34.9326, 56.8553,
42.0307

■ 33.0489, 55.9710,
38.0184

■ 31.7234, 55.3682,
34.3210

Harmonies

Analogous

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



69.2675, 73.6453, 78.4052



69.0539, 73.6453, 79.6827



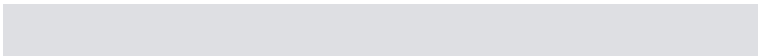
69.0923, 73.6453, 81.1104

Triad

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



69.0539, 73.6453, 79.6827



70.3193, 73.6453, 82.8196



70.6264, 73.6453, 78.1069

Complementary

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



69.0539, 73.6453, 79.6827



69.1259, 71.7327, 78.6127

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.



70.9109, 73.6453, 79.2710



69.0539, 73.6453, 79.6827



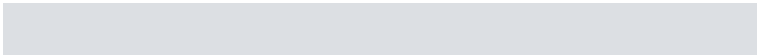
70.7330, 73.6453, 81.9960

Square

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



69.0539, 73.6453, 79.6827



69.8213, 73.6453, 82.9330



70.9500, 73.6453, 80.6938



70.1743, 73.6453, 77.5027

Rectangle

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



69.0539, 73.6453, 79.6827



69.2557, 73.6453, 81.9549



70.9500, 73.6453, 80.6938



70.7449, 73.6453, 78.4451

Sweetspot

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



69.0560, 73.6485, 79.6843



93.9541, 99.4540, 107.9928



69.2886, 73.8144, 77.6146



20.1216, 21.2930, 23.1245



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

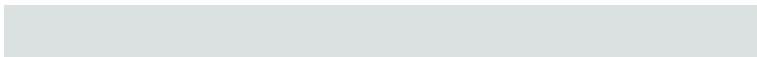
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0560, 73.6485, 79.6843



91.8020, 98.3821, 106.1940



69.2143, 73.5327, 81.0700



14.8021, 15.9372, 17.1632



18.0908, 32.0612, 18.7331



1.2978, 2.2399, 1.5295

Inverse Universe

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



69.1259, 71.7327, 78.6127



91.9281, 94.9239, 104.2596



68.9693, 71.8444, 77.2512



14.8276, 15.2375, 16.7717



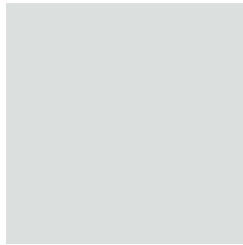
19.0131, 9.6723, 6.7349



1.3613, 0.6878, 0.6952

Previews

White Background



This preview shows how the XYZ color 69.0539, 73.6453, 79.6827 looks on a white background.

Color Contrast Check

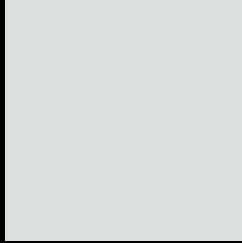
Large Text (above 18pt) WCAG AA × Fail

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 69.0539, 73.6453, 79.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

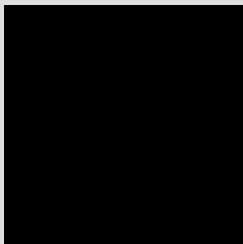
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

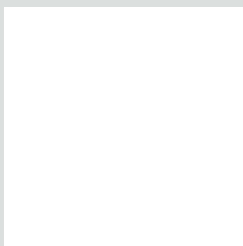
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0539, 73.6453, 79.6827

Background



This preview shows how black text looks on a background with the XYZ color 69.0539, 73.6453, 79.6827.



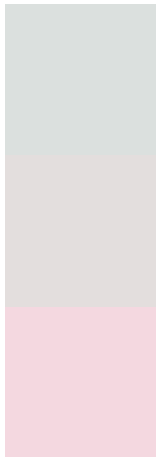
This preview shows how white text looks on a background with the XYZ color 69.0539, 73.6453,

79.6827.

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

69.0539, 73.6453, 79.6827

Protanopia

70.8510, 73.7939, 78.9160

Deuteranopia

75.3186, 73.7266, 80.7820



Tritanopia

71.5606, 73.4745, 92.0717

Trichromacy



Original Color

69.0539, 73.6453, 79.6827

Protanomaly

70.1793, 73.8431, 78.9609

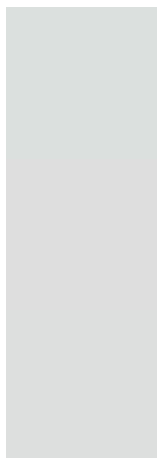
Deuteranomaly

72.9118, 73.6529, 80.1856

Tritanomaly

70.6481, 73.4979, 87.5538

Monochromacy



Original Color

69.0539, 73.6453, 79.6827

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3913, 73.4214, 79.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0539, 73.6453, 79.6827 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, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 222)  
}
```

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, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.0539, 73.6453, 79.6827 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, 224, 222) }
```


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

```
.border{ border-color:rgb(219, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0539, 73.6453, 79.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 222) }
```

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

```
.background{ background-color: rgb(219,  
224, 222) }
```

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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