

Converting Colors

XYZ(69.1084, 74.7054, 80.2947)

Have a look what the booklet for
XYZ(69.1084, 74.7054, 80.2947)
contains.

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Color

**XYZ(69.4036, 75.0176,
80.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E3DF
RGB	217, 227, 223
RGB Percent	85%, 89%, 87%
CMY	0.1490, 0.1098, 0.1255
CMYK	0.04, 0.00, 0.02, 0.11
HSL	156°, 15%, 87%
HSV	156°, 4%, 89%
XYZ	69.4036, 75.0176, 80.6339
YIQ	223.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

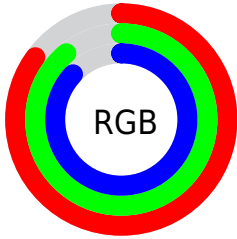
Format	Color
R _Y B	217, 223, 227
Decimal	14279647
CIE Lab	89.40, -4.07, 0.78
CIE LCh	89, 4.142, 169.144
Yxy	75.0176, 0.3084, 0.3333
Android (android.graphics.Color)	4292469727 (0xFFD9E3DF)
YUV	223.5540, -0.2731, -5.7479
Hunter-Lab	86.6127, -8.5384, 5.4316

Details

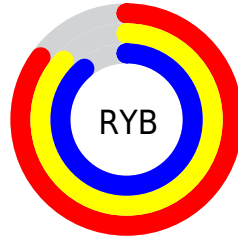
The XYZ color **69.4036, 75.0176, 80.6339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5453, 71.1789, 78.4837**, and the grayscale version is **70.5394, 74.2129, 80.8179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7207, 40.0136, 42.8338** is the 20% darker color. If you saturate the color by 10%, you get **61.9229, 71.3010, 74.0612**, and if you desaturate by 10%, it is **77.8824, 79.2453, 87.5996**.

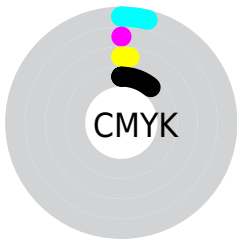
Distribution



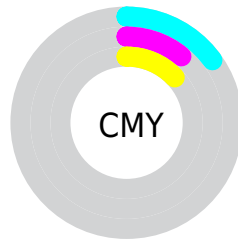
- Red (85%)
- Green (89%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4036, 75.0176, 80.6339 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 69.4036, 75.0176, 80.6339 by changing the saturation by 10% instead.

■ 69.4036, 75.0176,
80.6339

■ 69.4036, 75.0176,
80.6339

447.7523,
477.9781, 516.8296

■ 51.3183, 55.6273,
59.7109

117.3888,
126.3373, 136.0760

■ 36.6841, 39.9042,
42.7619

148.0194,
159.0354, 171.4322

■ 25.1355, 27.4639,
29.3683

183.5624,
196.9384, 212.4366

■ 16.3073, 17.9219,
19.1116

224.3833,
240.4304, 259.5077

■ 9.8341, 10.8939,
11.5733

270.8474,
289.8961, 313.0639

■ 5.3505, 5.9956,
6.3349

323.3200,

■ 2.4912, 2.8424,

345.7196, 373.5240

2.9777

382.1665,
408.2855, 441.3063

■ 0.8908, 1.0500,
1.0833

■ 0.0000, 0.0000,
0.0000

■ 69.4036, 75.0176,
80.6339

■ 69.4036, 75.0176,
80.6339

■ 61.9229, 71.3010,
74.0612

■ 77.8824, 79.2453,
87.5996

■ 55.3953, 68.0662,
67.8694

■ 84.6134, 82.5622,
94.8302

■ 49.7816, 65.2952,
62.0527

■ 86.0062, 83.1193,
102.1645

■ 45.0375, 62.9652,
56.6035

■ 86.7605, 83.4211,
106.1368

■ 41.1148, 61.0516,
51.5138

■ 37.9603, 59.5270,
46.7751

■ 35.5144, 58.3609,
42.3788

■ 33.7081, 57.5177,
38.3151

■ 32.4573, 56.9545,
34.5739

Harmonies

Analogous

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



69.8369, 75.0176, 78.0817



69.4036, 75.0176, 80.6339



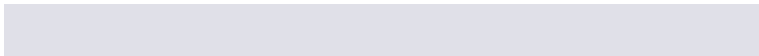
69.4753, 75.0176, 83.5270

Triad

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



69.4036, 75.0176, 80.6339



71.9435, 75.0176, 87.0727



72.5855, 75.0176, 77.5290

Complementary

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



69.4036, 75.0176, 80.6339



69.5453, 71.1789, 78.4837

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.



73.1604, 75.0176, 79.8633



69.4036, 75.0176, 80.6339



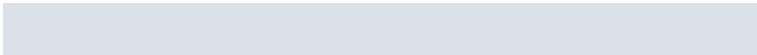
72.7874, 75.0176, 85.3901

Square

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



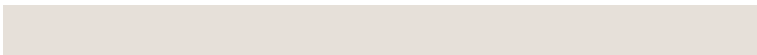
69.4036, 75.0176, 80.6339



70.9353, 75.0176, 87.2909



73.2347, 75.0176, 82.7380



71.6699, 75.0176, 76.3175

Rectangle

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



69.4036, 75.0176, 80.6339



69.8000, 75.0176, 85.2585



73.2347, 75.0176, 82.7380



72.8253, 75.0176, 78.2058

Sweetspot

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



69.4057, 75.0208, 80.6355



93.9542, 99.4540, 107.9933



69.8656, 75.3497, 76.5082



20.1216, 21.2930, 23.1246



0.0000, 0.0000, 0.0000



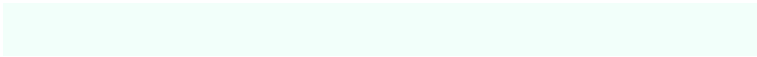
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4057, 75.0208, 80.6355



89.7030, 97.3372, 104.4181



69.7246, 74.7844, 83.4368



15.1945, 16.5539, 17.7220



18.6771, 33.1030, 19.3320



1.4258, 2.4644, 1.6686

Inverse Universe

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



69.5453, 71.1789, 78.4837



89.9096, 91.6504, 101.2329



69.2334, 71.3989, 75.7790



15.2341, 15.4639, 17.1115



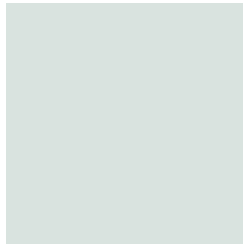
19.6265, 9.9848, 6.9281



1.4952, 0.7558, 0.7482

Previews

White Background



This preview shows how the XYZ color 69.4036, 75.0176, 80.6339 looks on a white background.

Color Contrast Check

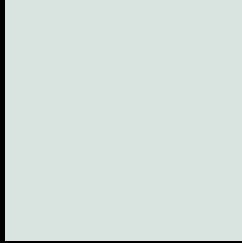
Large Text (above 18pt) WCAG AA × Fail

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 69.4036, 75.0176, 80.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

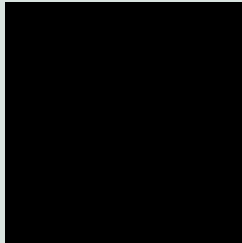
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

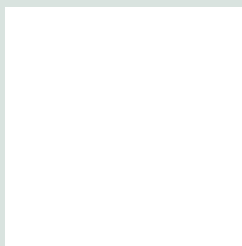
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4036, 75.0176, 80.6339

Background



This preview shows how black text looks on a background with the XYZ color 69.4036, 75.0176, 80.6339.



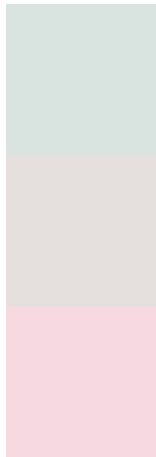
This preview shows how white text looks on a background with the XYZ color 69.4036, 75.0176,

80.6339.

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

69.4036, 75.0176, 80.6339

Protanopia

71.7519, 74.6538, 79.0345

Deuteranopia

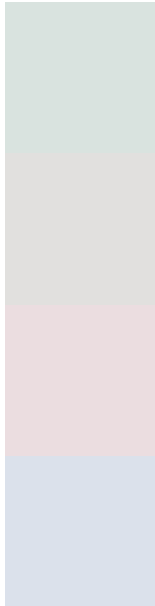
76.4095, 74.6548, 81.6168



Tritanopia

72.1979, 74.9378, 94.6636

Trichromacy



Original Color

69.4036, 75.0176, 80.6339

Protanomaly

70.8918, 74.5928, 79.7687

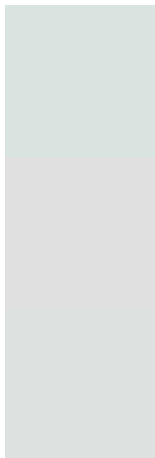
Deuteranomaly

73.5719, 74.7569, 81.0729

Tritanomaly

71.1340, 74.9087, 89.3069

Monochromacy



Original Color

69.4036, 75.0176, 80.6339

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.1986, 74.6044, 81.2212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4036, 75.0176, 80.6339 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.4036, 75.0176, 80.6339 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, 223) }
```


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

```
.border{ border-color:rgb(217, 227, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4036, 75.0176, 80.6339 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, 223) }
```

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

```
.background{ background-color: rgb(217,  
227, 223) }
```

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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