

Converting Colors

XYZ(69.6217, 74.0474, 81.6416)

Have a look what the booklet for
XYZ(69.6217, 74.0474, 81.6416)
contains.

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Color

**XYZ(69.4597, 73.8076,
81.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE0E1
RGB	219, 224, 225
RGB Percent	86%, 88%, 88%
CMY	0.1412, 0.1215, 0.1176
CMYK	0.03, 0.00, 0.00, 0.12
HSL	190°, 9%, 87%
HSV	190°, 3%, 88%
XYZ	69.4597, 73.8076, 81.8195
YIQ	222.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

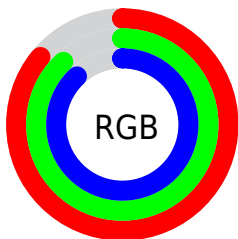
Format	Color
R _Y B	219, 222, 225
Decimal	14409953
CIE Lab	88.83, -1.49, -1.08
CIE LCh	89, 1.844, 216.034
Yxy	73.8076, 0.3086, 0.3279
Android (android.graphics.Color)	4292600033 (0xFFDBE0E1)
YUV	222.6190, 1.1738, -3.1739
Hunter-Lab	85.9113, -6.0268, 3.6719

Details

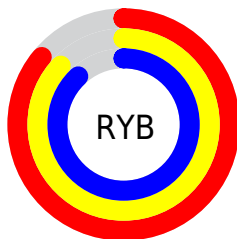
The XYZ color **69.4597, 73.8076, 81.8195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4309, 72.3078, 77.3164**, and the grayscale version is **69.8644, 73.5028, 80.0445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7535, 39.1707, 43.6538** is the 20% darker color. If you saturate the color by 10%, you get **62.1502, 68.5670, 81.1943**, and if you desaturate by 10%, it is **77.7104, 79.5703, 82.4981**.

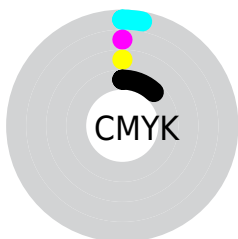
Distribution



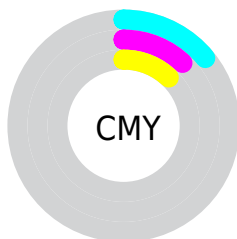
- Red (86%)
- Green (88%)
- Blue (88%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4597, 73.8076, 81.8195 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 69.4597, 73.8076, 81.8195 by changing the saturation by 10% instead.

■ 69.4597, 73.8076,
81.8195

■ 69.4597, 73.8076,
81.8195

447.9467,
473.8091, 520.9113

■ 51.3642, 54.6366,
60.6818

117.4684,
124.6230, 137.7553

■ 36.7207, 39.1108,
43.5395

148.1123,
157.0362, 173.3904

■ 25.1640, 26.8460,
29.9741

183.6697,
194.6323, 214.6951

■ 16.3287, 17.4576,
19.5671

224.5060,
237.7956, 262.0880

■ 9.8494, 10.5613,
11.8998

270.9864,
286.9105, 315.9875

■ 5.3607, 5.7726,
6.5538

323.4765,

■ 2.4973, 2.7073,

342.3615, 376.8122

3.1105

382.3414,
404.5329, 444.9806

■ 0.8939, 0.9809,
1.1513

■ 0.0000, 0.0000,
0.0000

■ 69.4597, 73.8076,
81.8195

■ 69.4597, 73.8076,
81.8195

■ 62.1502, 68.5670,
81.1943

■ 77.7104, 79.5703,
82.4981

■ 55.7391, 63.8200,
80.6160

■ 83.5407, 84.1162,
83.0682

■ 50.1894, 59.5495,
80.0842

■ 84.6006, 86.2360,
83.4215

■ 45.4592, 55.7335,
79.5969

■ 85.6830, 88.4007,
83.7823

41.5030, 52.3485,
79.1521

86.7880, 90.6107,
84.1506

38.2706, 49.3683,
78.7472

87.9157, 92.8662,
84.5266

35.7060, 46.7639,
78.3797

89.0663, 95.1674,
84.9101

33.7445, 44.5017,
78.0464

90.2400, 97.5146,
85.3013

32.3083, 42.5413,
77.7437

90.5908, 98.2163,
85.4182

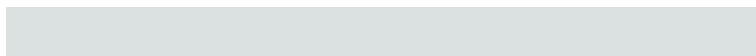
Harmonies

Analogous

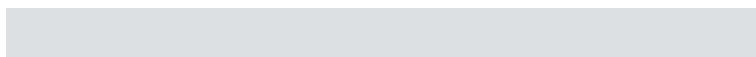
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3013, 73.8076, 80.6227



69.4597, 73.8076, 81.8195



69.8036, 73.8076, 82.6325

Triad

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



69.4597, 73.8076, 81.8195



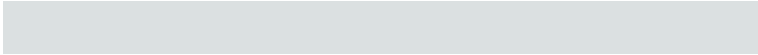
70.9396, 73.8076, 81.3672



70.0617, 73.8076, 77.9427

Complementary

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



69.4597, 73.8076, 81.8195



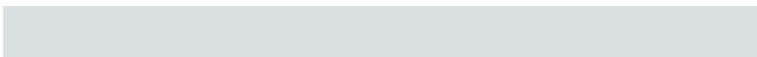
69.4309, 72.3078, 77.3164

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.



70.5013, 73.8076, 78.1373



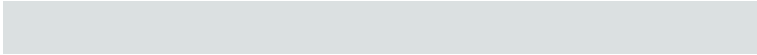
69.4597, 73.8076, 81.8195



71.0094, 73.8076, 80.1057

Square

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



69.4597, 73.8076, 81.8195



70.6583, 73.8076, 82.3694



70.8487, 73.8076, 78.9257



69.6479, 73.8076, 78.3913

Rectangle

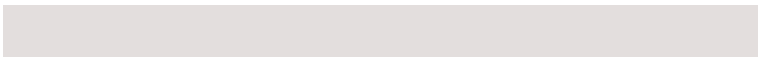
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4597, 73.8076, 81.8195



70.0925, 73.8076, 82.8427



70.8487, 73.8076, 78.9257



70.2113, 73.8076, 77.9351

Sweetspot

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



69.4618, 73.8108, 81.8211



93.9831, 99.2497, 108.8114



69.0448, 74.0737, 78.3005



20.1275, 21.2514, 23.2911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

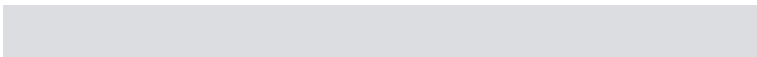
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4618, 73.8108, 81.8211



91.8874, 97.7700, 108.6362



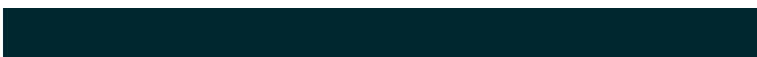
68.6881, 72.2633, 81.5632



14.8193, 15.8128, 17.6588



18.2234, 23.9164, 44.7042



1.3153, 1.7621, 3.1160

Inverse Universe

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



69.8390, 72.0538, 80.7516



92.4540, 95.1342, 107.0290



70.1996, 73.8451, 77.5727



14.9342, 15.2801, 17.3328



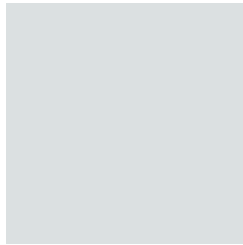
23.1385, 11.3224, 28.4591



1.6302, 0.7953, 2.1113

Previews

White Background



This preview shows how the XYZ color 69.4597, 73.8076, 81.8195 looks on a white background.

Color Contrast Check

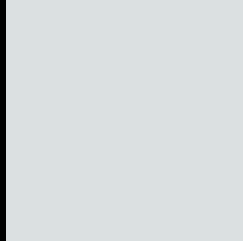
Large Text (above 18pt) WCAG AA × Fail

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 69.4597, 73.8076, 81.8195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

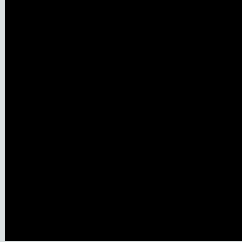
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

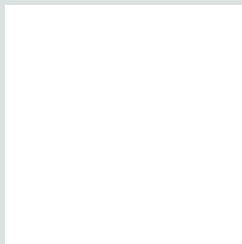
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4597, 73.8076, 81.8195

Background



This preview shows how black text looks on a background with the XYZ color 69.4597, 73.8076, 81.8195.



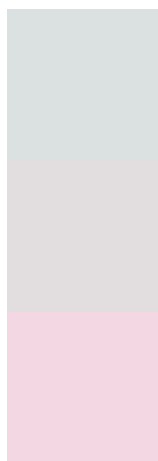
This preview shows how white text looks on a background with the XYZ color 69.4597, 73.8076,

81.8195.

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

69.4597, 73.8076, 81.8195

Protanopia

70.9399, 73.7931, 81.0256

Deuteranopia

75.3831, 73.7125, 82.9279



Tritanopia

71.5201, 73.8467, 92.1457

Trichromacy



Original Color

69.4597, 73.8076, 81.8195

Protanomaly

70.2736, 73.8451, 81.0707

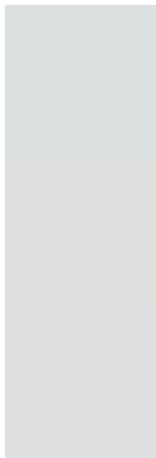
Deuteranomaly

72.9907, 73.6464, 82.3197

Tritanomaly

70.7542, 73.9315, 88.3830

Monochromacy



Original Color

69.4597, 73.8076, 81.8195

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.9664, 73.6868, 81.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4597, 73.8076, 81.8195 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.4597, 73.8076, 81.8195 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, 225) }
```


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

```
.border{ border-color:rgb(219, 224, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4597, 73.8076, 81.8195 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, 225) }
```

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

```
.background{ background-color: rgb(219,  
224, 225) }
```

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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