

Converting Colors

XYZ(69.5620, 73.0902, 81.3722)

Have a look what the booklet for
XYZ(69.5620, 73.0902, 81.3722)
contains.

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Color

**XYZ(69.5307, 73.0509,
81.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDEE1
RGB	221, 222, 225
RGB Percent	87%, 87%, 88%
CMY	0.1333, 0.1294, 0.1176
CMYK	0.02, 0.01, 0.00, 0.12
HSL	225°, 6%, 87%
HSV	225°, 2%, 88%
XYZ	69.5307, 73.0509, 81.6697
YIQ	222.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

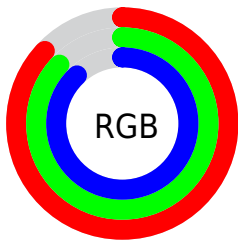
Format	Color
R _Y B	221, 222, 225
Decimal	14540513
CIE Lab	88.47, 0.21, -1.59
CIE LCh	88, 1.607, 277.571
Yxy	73.0509, 0.3101, 0.3258
Android (android.graphics.Color)	4292730593 (0xFFDDDEE1)
YUV	222.0430, 1.4578, -0.9147
Hunter-Lab	85.4698, -4.3603, 3.1750

Details

The XYZ color **69.5307, 73.0509, 81.6697** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7583, 74.5387, 79.0659**, and the grayscale version is **69.4541, 73.0711, 79.5745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8003, 38.6467, 43.5502** is the 20% darker color. If you saturate the color by 10%, you get **58.8790, 61.2444, 79.9533**, and if you desaturate by 10%, it is **81.5523, 86.2321, 83.5814**.

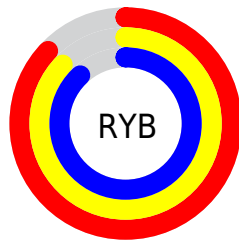
Distribution



Red (87%)

Green (87%)

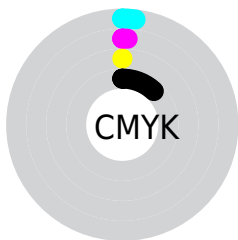
Blue (88%)



Red (87%)

Yellow (87%)

Blue (88%)

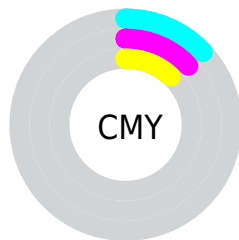


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5307, 73.0509, 81.6697 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 69.5307, 73.0509, 81.6697 by changing the saturation by 10% instead.

■ 69.5307, 73.0509,
81.6697

■ 69.5307, 73.0509,
81.6697

448.1926,
471.1912, 520.3966

■ 51.4222, 54.0176,
60.5591

117.5692,
123.5495, 137.5432

■ 36.7672, 38.6157,
43.4412

148.2299,
155.7835, 173.1432

■ 25.2001, 26.4609,
29.8975

183.8055,
193.1866, 214.4101

■ 16.3557, 17.1688,
19.5094

224.6612,
236.1431, 261.7624

■ 9.8687, 10.3549,
11.8584

271.1624,
285.0374, 315.6187

■ 5.3736, 5.6349,
6.5260

323.6744,

■ 2.5051, 2.6244,

340.2539, 376.3974

3.0935

382.5628,
402.1771, 444.5172

■ 0.8978, 0.9389,
1.1426

■ 0.0000, 0.0000,
0.0000

■ 69.5307, 73.0509,
81.6697

■ 69.5307, 73.0509,
81.6697

■ 58.8790, 61.2444,
79.9533

■ 81.5523, 86.2321,
83.5814

■ 49.5416, 50.7585,
78.4215

■ 90.5908, 98.2163,
85.4182

■ 41.4682, 41.5488,
77.0693

■ 34.6029, 33.5653,
75.8902

■ 28.8854, 26.7542,
74.8769

■ 24.2502, 21.0578,
74.0217

■ 20.6245, 16.4130,
73.3162

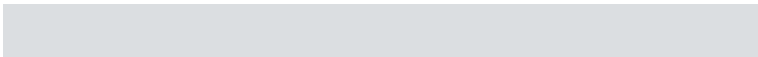
■ 17.9262, 12.7497,
72.7513

■ 16.0588, 9.9879,
72.3167

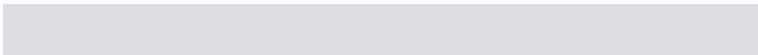
Harmonies

Analogous

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



69.1494, 73.0509, 81.5247



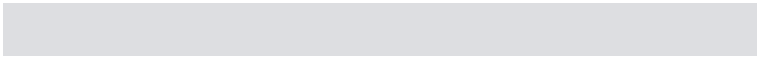
69.5307, 73.0509, 81.6697



69.8871, 73.0509, 81.2398

Triad

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



69.5307, 73.0509, 81.6697



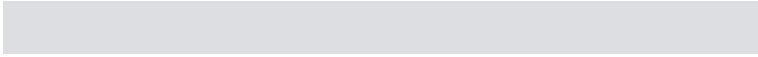
70.0237, 73.0509, 78.2486



68.7476, 73.0509, 78.7303

Complementary

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



69.5307, 73.0509, 81.6697



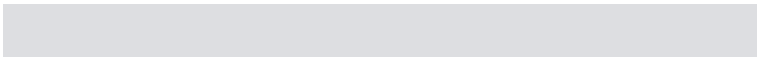
70.7583, 74.5387, 79.0659

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.



68.9803, 73.0509, 77.8641



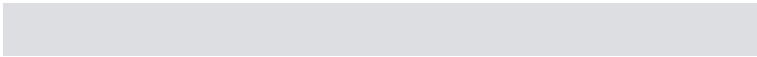
69.5307, 73.0509, 81.6697



69.7168, 73.0509, 77.5878

Square

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



69.5307, 73.0509, 81.6697



70.1724, 73.0509, 79.2598



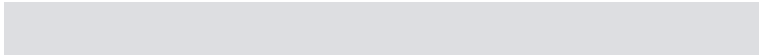
69.3348, 73.0509, 77.4477



68.6982, 73.0509, 79.8209

Rectangle

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



69.5307, 73.0509, 81.6697



70.0622, 73.0509, 80.6875



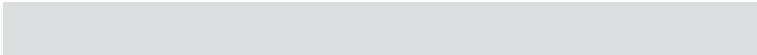
69.3348, 73.0509, 77.4477



68.8070, 73.0509, 78.4035

Sweetspot

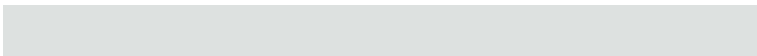
The Sweet Spot groups the original color and five complimentary colors.



69.5328, 73.0540, 81.6713



93.5117, 98.3068, 108.6543



70.1907, 74.6020, 81.1749



20.0316, 21.0596, 23.2591



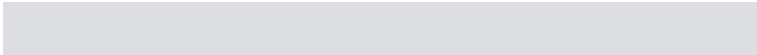
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

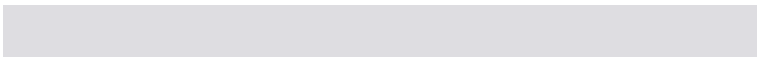
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5328, 73.0540, 81.6713



91.9917, 96.6320, 108.4111



69.5520, 72.6695, 81.5961



14.9928, 15.7507, 17.6377



8.7373, 4.9442, 41.5422



0.6762, 0.4838, 2.9030

Inverse Universe

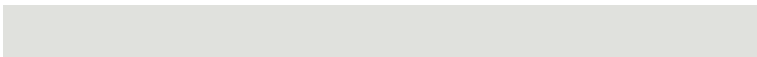
The Inverse Universe completely reimagines the original color for something new.



70.0942, 72.9958, 79.5061



92.8354, 96.5454, 105.1573



70.7386, 74.9300, 79.1425



15.1216, 15.7374, 17.1410



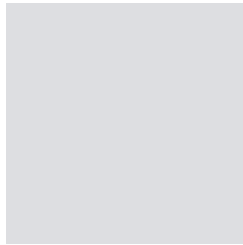
18.3504, 9.4072, 3.2450



1.3076, 0.6663, 0.4125

Previews

White Background



This preview shows how the XYZ color 69.5307, 73.0509, 81.6697 looks on a white background.

Color Contrast Check

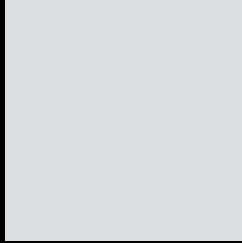
Large Text (above 18pt) WCAG AA × Fail

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 69.5307, 73.0509, 81.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

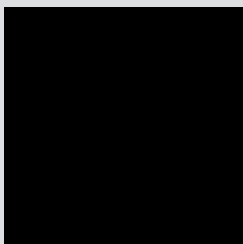
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

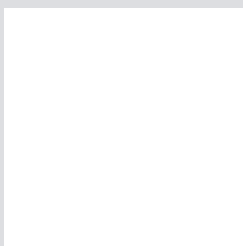
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5307, 73.0509, 81.6697

Background



This preview shows how black text looks on a background with the XYZ color 69.5307, 73.0509, 81.6697.



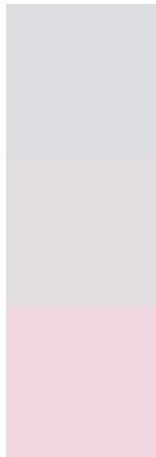
This preview shows how white text looks on a background with the XYZ color 69.5307, 73.0509,

81.6697.

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

69.5307, 73.0509, 81.6697

Protanopia

70.3623, 73.1023, 80.9227

Deuteranopia

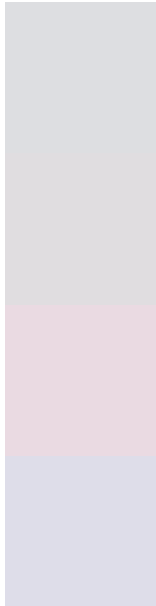
74.3035, 72.7926, 82.0857



Tritanopia

71.3107, 72.9888, 90.4505

Trichromacy



Original Color

69.5307, 73.0509, 81.6697

Protanomaly

70.0515, 72.9420, 80.9081

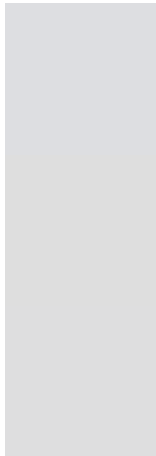
Deuteranomaly

72.7306, 73.1262, 82.2330

Tritanomaly

70.6886, 73.1257, 87.4798

Monochromacy



Original Color

69.5307, 73.0509, 81.6697

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5648, 73.0999, 80.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5307, 73.0509, 81.6697 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, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 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(221, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.5307, 73.0509, 81.6697 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, 222, 225) }
```


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

```
.border{ border-color:rgb(221, 222, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5307, 73.0509, 81.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 225) }
```

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

```
.background{ background-color: rgb(221,  
222, 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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