

Converting Colors

XYZ(68.7616, 73.0677, 81.0113)

Have a look what the booklet for
XYZ(68.7616, 73.0677, 81.0113)
contains.

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Color

**XYZ(68.7557, 73.0626,
80.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	DADFE0
RGB	218, 223, 224
RGB Percent	85%, 87%, 88%
CMY	0.1451, 0.1255, 0.1216
CMYK	0.03, 0.00, 0.00, 0.12
HSL	190°, 9%, 87%
HSV	190°, 3%, 88%
XYZ	68.7557, 73.0626, 80.9997
YIQ	221.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

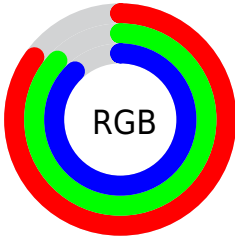
Format	Color
R _Y B	218, 221, 224
Decimal	14344160
CIE Lab	88.48, -1.49, -1.09
CIE LCh	88, 1.845, 216.033
Yxy	73.0626, 0.3086, 0.3279
Android (android.graphics.Color)	4292534240 (0xFFDADFE0)
YUV	221.6190, 1.1738, -3.1739
Hunter-Lab	85.4767, -6.0024, 3.6491

Details

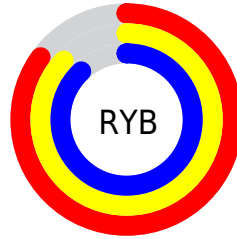
The XYZ color **68.7557, 73.0626, 80.9997** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7271, 71.5716, 76.5233**, and the grayscale version is **69.1579, 72.7595, 79.2351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2683, 38.6564, 43.0860** is the 20% darker color. If you saturate the color by 10%, you get **61.5222, 67.8763, 80.3810**, and if you desaturate by 10%, it is **76.9205, 78.7655, 81.6713**.

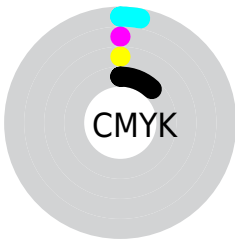
Distribution



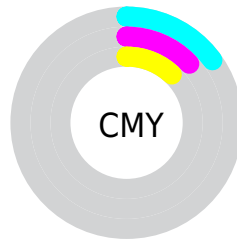
- Red (85%)
- Green (87%)
- Blue (88%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



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



- Cyan (15%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7557, 73.0626, 80.9997 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 68.7557, 73.0626, 80.9997 by changing the saturation by 10% instead.

■ 68.7557, 73.0626,
80.9997

■ 68.7557, 73.0626,
80.9997

445.5037,
471.2317, 518.0909

■ 50.7887, 54.0272,
60.0104

116.4686,
123.5661, 136.5944

■ 36.2608, 38.6234,
43.0016

146.9451,
155.8029, 172.0369

■ 24.8067, 26.4669,
29.5550

182.3222,
193.2090, 213.1341

■ 16.0611, 17.1732,
19.2519

222.9653,
236.1687, 260.3046

■ 9.6585, 10.3581,
11.6738

269.2396,
285.0664, 313.9671

■ 5.2337, 5.6370,
6.4021

321.5105,

■ 2.4212, 2.6256,

340.2866, 374.5399

3.0184

380.1435,
402.2135, 442.4416

■ 0.8557, 0.9396,
1.1040

■ 0.0000, 0.0000,
0.0000

■ 68.7557, 73.0626,
80.9997

■ 68.7557, 73.0626,
80.9997

■ 61.5222, 67.8763,
80.3810

■ 76.9205, 78.7655,
81.6713

■ 55.1775, 63.1784,
79.8086

■ 83.1156, 83.4836,
82.2554

■ 49.6852, 58.9518,
79.2823

■ 84.1646, 85.5816,
82.6051

■ 45.0037, 55.1751,
78.8000

■ 85.2359, 87.7241,
82.9622

41.0881, 51.8248,
78.3597

86.3295, 89.9113,
83.3267

37.8886, 48.8751,
77.9590

87.4456, 92.1436,
83.6987

35.3500, 46.2971,
77.5952

88.5844, 94.4211,
84.0783

33.4082, 44.0579,
77.2654

89.7459, 96.7442,
84.4655

31.9862, 42.1173,
76.9657

90.4548, 98.1619,
84.7018

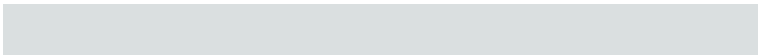
Harmonies

Analogous

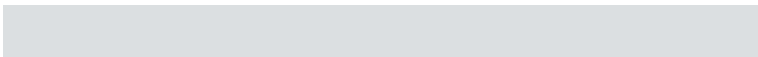
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5983, 73.0626, 79.8100



68.7557, 73.0626, 80.9997



69.0976, 73.0626, 81.8079

Triad

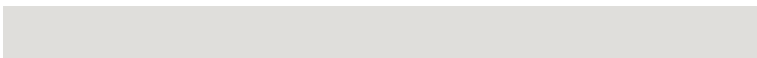
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.7557, 73.0626, 80.9997



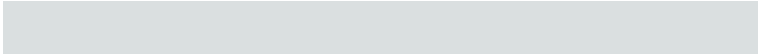
70.2268, 73.0626, 80.5501



69.3541, 73.0626, 77.1460

Complementary

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



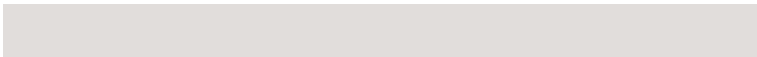
68.7557, 73.0626, 80.9997



68.7271, 71.5716, 76.5233

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.



69.7912, 73.0626, 77.3394



68.7557, 73.0626, 80.9997



70.2963, 73.0626, 79.2961

Square

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



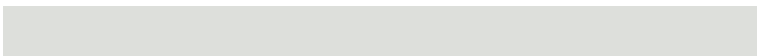
68.7557, 73.0626, 80.9997



69.9472, 73.0626, 81.5464



70.1365, 73.0626, 78.1231



68.9428, 73.0626, 77.5918

Rectangle

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



68.7557, 73.0626, 80.9997



69.3848, 73.0626, 82.0169



70.1365, 73.0626, 78.1231



69.5029, 73.0626, 77.1384

Sweetspot

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



68.7578, 73.0657, 81.0013



93.9831, 99.2497, 108.8114



68.3433, 73.3271, 77.5015



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.



68.7578, 73.0657, 81.0013



91.8874, 97.7699, 108.6362



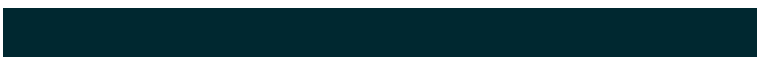
67.9886, 71.5274, 80.7449



14.8193, 15.8128, 17.6588



18.2233, 23.9162, 44.7042



1.3153, 1.7621, 3.1160

Inverse Universe

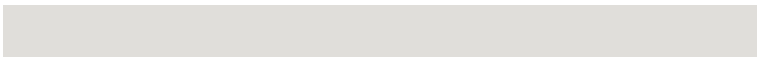
The Inverse Universe completely reimagines the original color for something new.



69.1328, 71.3192, 79.9380



92.4540, 95.1342, 107.0289



69.4912, 73.0999, 76.7780



14.9342, 15.2801, 17.3328



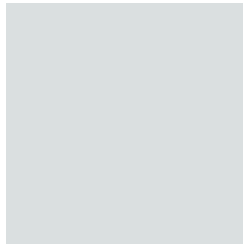
23.1385, 11.3224, 28.4588



1.6302, 0.7953, 2.1113

Previews

White Background



This preview shows how the XYZ color 68.7557, 73.0626, 80.9997 looks on a white background.

Color Contrast Check

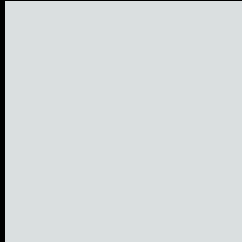
Large Text (above 18pt) WCAG AA × Fail

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 68.7557, 73.0626, 80.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

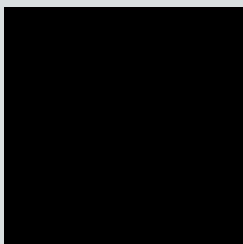
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

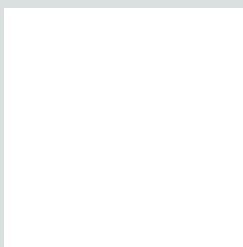
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.7557, 73.0626, 80.9997

Background



This preview shows how black text looks on a background with the XYZ color 68.7557, 73.0626, 80.9997.

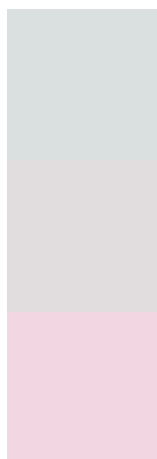


This preview shows how white text looks on a background with the XYZ color 68.7557, 73.0626,

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

68.7557, 73.0626, 80.9997

Protanopia

70.2271, 73.0482, 80.2104

Deuteranopia

74.6459, 72.9691, 82.1017



Tritanopia

70.8043, 73.1016, 91.2672

Trichromacy



Original Color

68.7557, 73.0626, 80.9997

Protanomaly

69.5648, 73.0999, 80.2553

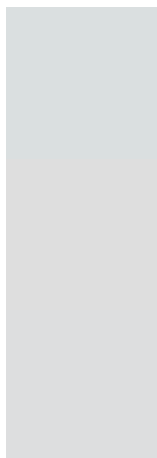
Deuteranomaly

72.2663, 72.9027, 81.4969

Tritanomaly

70.0427, 73.1858, 87.5254

Monochromacy



Original Color

68.7557, 73.0626, 80.9997

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2594, 72.9424, 80.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7557, 73.0626, 80.9997 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(218, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 224)  
}
```

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(218, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.7557, 73.0626, 80.9997 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(218, 223, 224) }
```


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

```
.border{ border-color:rgb(218, 223, 224) }
```

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

Here you see how a box with a 4 pixel rgb(218, 223, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7557, 73.0626, 80.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 224) }
```

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

```
.background{ background-color: rgb(218,  
223, 224) }
```

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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