

Converting Colors

XYZ(68.3726, 73.6547, 81.1273)

Have a look what the booklet for
XYZ(68.3726, 73.6547, 81.1273)
contains.

XYZ(68.4041, 73.6793, 81.1373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.4041, 73.6793,
81.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E1E0
RGB	215, 225, 224
RGB Percent	84%, 88%, 88%
CMY	0.1569, 0.1176, 0.1216
CMYK	0.04, 0.00, 0.00, 0.12
HSL	174°, 14%, 86%
HSV	174°, 4%, 88%
XYZ	68.4041, 73.6793, 81.1373
YIQ	221.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

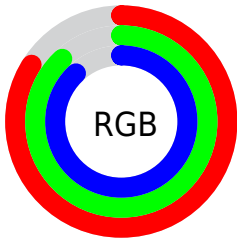
Format	Color
R_{YB}	215, 220, 225
Decimal	14148064
CIE Lab	88.77, -3.52, -0.68
CIE LCh	89, 3.588, 190.970
Yxy	73.6793, 0.3064, 0.3301
Android (android.graphics.Color)	4292338144 (0xFFD7E1E0)
YUV	221.8960, 1.0373, -6.0478
Hunter-Lab	85.8366, -7.9657, 4.0416

Details

The XYZ color **68.4041, 73.6793, 81.1373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7491, 69.5682, 74.8265**, and the grayscale version is **69.3553, 72.9672, 79.4612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0334, 39.0876, 43.1816** is the 20% darker color. If you saturate the color by 10%, you get **61.9425, 70.3854, 79.2489**, and if you desaturate by 10%, it is **75.7826, 77.4495, 83.0929**.

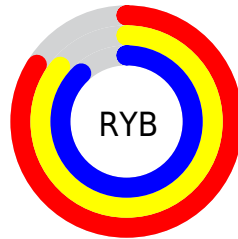
Distribution



Red (84%)

Green (88%)

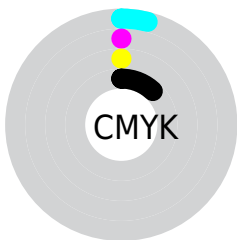
Blue (88%)



Red (84%)

Yellow (86%)

Blue (88%)

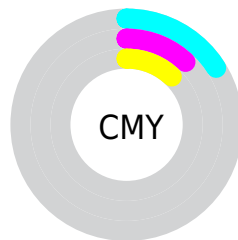


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4041, 73.6793, 81.1373 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 68.4041, 73.6793, 81.1373 by changing the saturation by 10% instead.

■ 68.4041, 73.6793,
81.1373

■ 68.4041, 73.6793,
81.1373

444.2807,
473.3658, 518.5649

■ 50.5014, 54.5316,
60.1230

115.9688,
124.4411, 136.7893

■ 36.0314, 39.0268,
43.0919

146.3615,
156.8240, 172.2642

■ 24.6287, 26.7806,
29.6253

181.6483,
194.3873, 213.3963

■ 15.9279, 17.4085,
19.3047

222.1945,
237.5156, 260.6042

■ 9.5637, 10.5262,
11.7116

268.3655,
286.5932, 314.3065

■ 5.1707, 5.7492,
6.4275

320.5267,

■ 2.3835, 2.6932,

342.0045, 374.9217

3.0338

379.0433,
404.1339, 442.8683

■ 0.8369, 0.9737,
1.1119

■ 0.0000, 0.0000,
0.0000

■ 68.4041, 73.6793,
81.1373

■ 68.4041, 73.6793,
81.1373

■ 61.9425, 70.3854,
79.2489

■ 75.7826, 77.4495,
83.0929

■ 56.3548, 67.5395,
77.4210

■ 82.2419, 80.7433,
85.0252

■ 51.6035, 65.1243,
75.6533

■ 82.5583, 80.8699,
86.6914

■ 47.6463, 63.1181,
73.9437

■ 82.8789, 80.9981,
88.3793

44.4371, 61.4969,
72.2900

83.2035, 81.1280,
90.0889

41.9249, 60.2347,
70.6898

83.5323, 81.2595,
91.8203

40.0525, 59.3018,
69.1402

83.8653, 81.3927,
93.5736

38.7535, 58.6640,
67.6381

84.2024, 81.5275,
95.3489

37.9469, 58.2797,
66.1796

84.5437, 81.6640,
97.1462

Harmonies

Analogous

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



68.4639, 73.6793, 78.6756



68.4041, 73.6793, 81.1373



68.7772, 73.6793, 83.3994

Triad

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



68.4041, 73.6793, 81.1373



71.1300, 73.6793, 83.8880



70.5756, 73.6793, 75.7896

Complementary

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



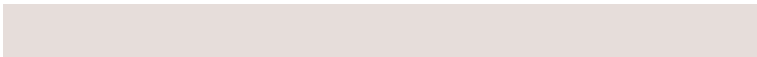
68.4041, 73.6793, 81.1373



67.7491, 69.5682, 74.8265

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.



71.2978, 73.6793, 77.1307



68.4041, 73.6793, 81.1373



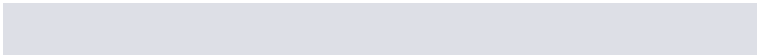
71.6197, 73.6793, 81.7930

Square

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



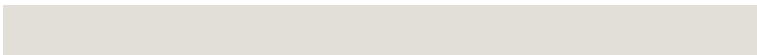
68.4041, 73.6793, 81.1373



70.3481, 73.6793, 85.0092



71.6814, 73.6793, 79.3180



69.7128, 73.6793, 75.6223

Rectangle

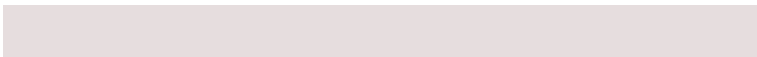
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



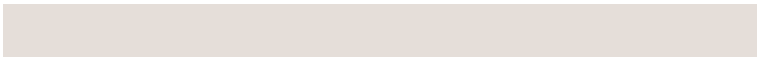
68.4041, 73.6793, 81.1373



69.2231, 73.6793, 84.4769



71.6814, 73.6793, 79.3180



70.8431, 73.6793, 76.1168

Sweetspot

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



68.4062, 73.6824, 81.1389



94.0769, 99.5031, 108.6396



67.5613, 73.3842, 74.8948



20.1466, 21.3030, 23.2561



0.0000, 0.0000, 0.0000



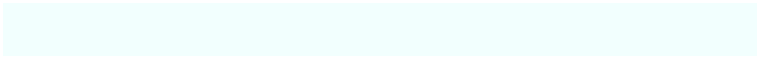
20.3446, 21.4041, 23.3091

Same Dimension

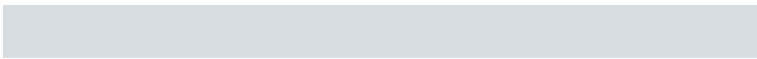
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4062, 73.6824, 81.1389



90.3086, 97.5794, 107.6068



67.5176, 71.6868, 81.5162



14.5953, 15.8235, 17.4758



21.7129, 33.5100, 37.8069



1.5224, 2.3297, 2.7121

Inverse Universe

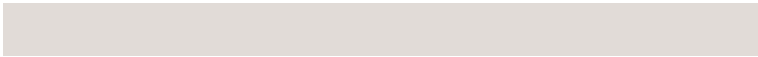
The Inverse Universe completely reimagines the original color for something new.



67.7491, 69.5682, 74.8265



89.3243, 91.4163, 98.1507



68.6077, 71.4924, 74.4745



14.4159, 14.7002, 15.7524



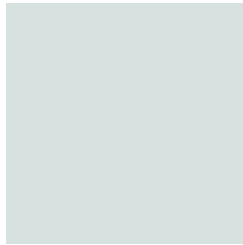
17.9995, 9.2668, 1.3974



1.2669, 0.6500, 0.1983

Previews

White Background



This preview shows how the XYZ color 68.4041, 73.6793, 81.1373 looks on a white background.

Color Contrast Check

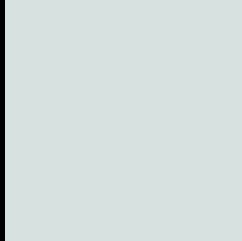
Large Text (above 18pt) WCAG AA × Fail

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 68.4041, 73.6793, 81.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

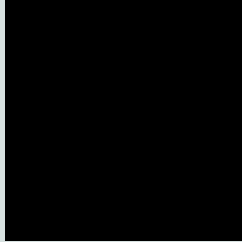
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

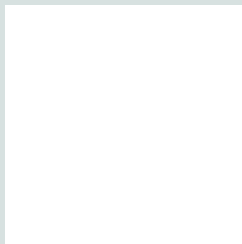
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4041, 73.6793, 81.1373

Background



This preview shows how black text looks on a background with the XYZ color 68.4041, 73.6793, 81.1373.

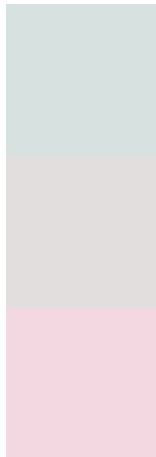


This preview shows how white text looks on a background with the XYZ color 68.4041, 73.6793,

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

68.4041, 73.6793, 81.1373

Protanopia

70.9846, 73.8474, 79.6199

Deuteranopia

75.2455, 73.6574, 82.2029



Tritanopia

71.0293, 73.9720, 92.9725

Trichromacy



Original Color

68.4041, 73.6793, 81.1373

Protanomaly

70.1384, 73.7910, 80.3584

Deuteranomaly

72.5264, 73.4229, 81.5837

Tritanomaly

70.1222, 74.0035, 88.4302

Monochromacy



Original Color

68.4041, 73.6793, 81.1373

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9204, 73.1631, 80.3014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4041, 73.6793, 81.1373 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(215, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 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(215, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.4041, 73.6793, 81.1373 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(215, 225, 224) }
```


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

```
.border{ border-color:rgb(215, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4041, 73.6793, 81.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 224) }
```

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

```
.background{ background-color: rgb(215,  
225, 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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