

Converting Colors

XYZ(67.2179, 73.8466, 81.6077)

Have a look what the booklet for
XYZ(67.2179, 73.8466, 81.6077)
contains.

XYZ(67.3542, 73.9297, 81.9541)	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(67.3542, 73.9297,
81.9541)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3E1
RGB	209, 227, 225
RGB Percent	82%, 89%, 88%
CMY	0.1804, 0.1098, 0.1176
CMYK	0.08, 0.00, 0.01, 0.11
HSL	173°, 24%, 85%
HSV	173°, 8%, 89%
XYZ	67.3542, 73.9297, 81.9541
YIQ	221.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

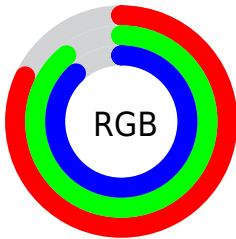
Format	Color
R _Y B	209, 219, 227
Decimal	13755361
CIE Lab	88.89, -6.34, -1.08
CIE LCh	89, 6.430, 189.713
Yxy	73.9297, 0.3017, 0.3312
Android (android.graphics.Color)	4291945441 (0xFFD1E3E1)
YUV	221.3900, 1.7797, -10.8660
Hunter-Lab	85.9824, -10.6414, 3.6754

Details

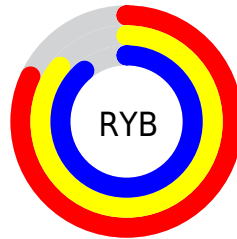
The XYZ color **67.3542, 73.9297, 81.9541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2396, 66.6370, 71.0025**, and the grayscale version is **68.9960, 72.5891, 79.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5258, 39.3759, 43.7581** is the 20% darker color. If you saturate the color by 10%, you get **61.0421, 70.7173, 79.8744**, and if you desaturate by 10%, it is **74.5907, 77.6222, 84.1067**.

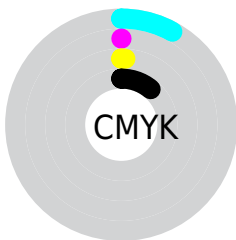
Distribution



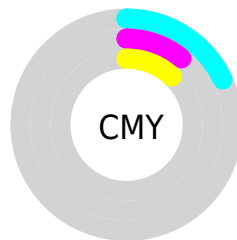
- Red (82%)
- Green (89%)
- Blue (88%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3542, 73.9297, 81.9541 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 67.3542, 73.9297, 81.9541 by changing the saturation by 10% instead.

67.3542, 73.9297,
81.9541

67.3542, 73.9297,
81.9541

440.6172,
474.2307, 521.3736

49.6443, 54.7365,
60.7921

114.4748,
124.7961, 137.9457

35.3475, 39.1908,
43.6279

144.6162,
157.2382, 173.6125

24.0984, 26.9082,
30.0431

179.6321,
194.8653, 214.9512

15.5318, 17.5043,
19.6190

219.8879,
238.0619, 262.3804

9.2822, 10.5947,
11.9370

265.7490,
287.2123, 316.3188

4.9843, 5.7950,
6.5788

317.5806,

2.2727, 2.7208,

342.7010, 377.1847

3.1257

375.7483,
404.9123, 445.3968

■ 0.7806, 0.9878,
1.1592

■ 0.0000, 0.0000,
0.0000

■ 67.3542, 73.9297,
81.9541

■ 67.3542, 73.9297,
81.9541

■ 61.0421, 70.7173,
79.8744

■ 74.5907, 77.6222,
84.1067

■ 55.6096, 67.9556,
77.8609

■ 82.7816, 81.8040,
86.3292

■ 51.0176, 65.6267,
75.9130

■ 83.3585, 82.0601,
88.2222

■ 47.2214, 63.7075,
74.0287

■ 83.7212, 82.2052,
90.1322

■ 44.1724, 62.1729,
72.2056

■ 84.0891, 82.3523,
92.0694

■ 41.8165, 60.9950,
70.4409

■ 84.4621, 82.5016,
94.0341

■ 40.0922, 60.1421,
68.7317

■ 84.8405, 82.6529,
96.0263

■ 38.9275, 59.5772,
67.0745

■ 85.2240, 82.8063,
98.0461

■ 38.2215, 59.2481,
65.4644

■ 85.6129, 82.9619,
100.0937

Harmonies

Analogous

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



67.4933, 73.9297, 77.5564



67.3542, 73.9297, 81.9541



67.9869, 73.9297, 86.1083

Triad

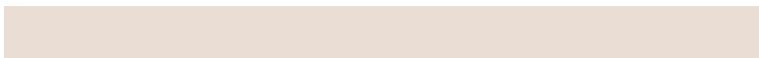
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3542, 73.9297, 81.9541



72.2009, 73.9297, 87.2840



71.3126, 73.9297, 72.7091

Complementary

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



67.3542, 73.9297, 81.9541



66.2396, 66.6370, 71.0025

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.



72.5995, 73.9297, 75.1347



67.3542, 73.9297, 81.9541



73.1176, 73.9297, 83.5107

Square

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



67.3542, 73.9297, 81.9541



70.7750, 73.9297, 89.2598



73.2646, 73.9297, 79.0570



69.7634, 73.9297, 72.3271

Rectangle

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



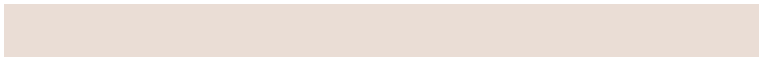
67.3542, 73.9297, 81.9541



68.7668, 73.9297, 88.1408



73.2646, 73.9297, 79.0570



71.7908, 73.9297, 73.3081

Sweetspot

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



67.3563, 73.9328, 81.9557



93.1073, 99.0090, 108.3328



65.8726, 73.4084, 71.0202



19.9491, 21.2024, 23.1937



0.0000, 0.0000, 0.0000



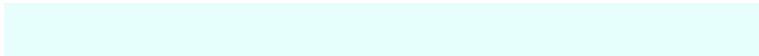
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3563, 73.9328, 81.9557



85.8293, 95.2990, 106.1013



65.7813, 70.3428, 82.7871



14.7347, 16.3073, 18.1338



22.2466, 34.5307, 38.1284



1.6638, 2.5596, 2.9219

Inverse Universe

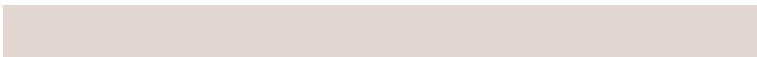
The Inverse Universe completely reimagines the original color for something new.



66.2396, 66.6370, 71.0025



84.0114, 83.4211, 88.2696



67.7200, 69.9973, 70.2644



14.4419, 14.3939, 15.2613



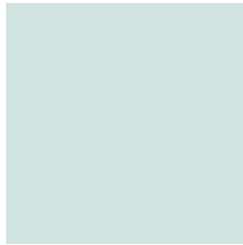
18.6001, 9.5743, 1.5231



1.3963, 0.7162, 0.2276

Previews

White Background



This preview shows how the XYZ color 67.3542, 73.9297, 81.9541 looks on a white background.

Color Contrast Check

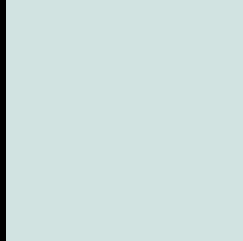
Large Text (above 18pt) WCAG AA × Fail

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 67.3542, 73.9297, 81.9541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

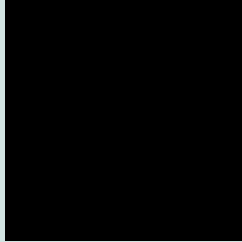
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

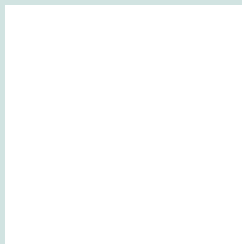
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3542, 73.9297, 81.9541

Background



This preview shows how black text looks on a background with the XYZ color 67.3542, 73.9297, 81.9541.



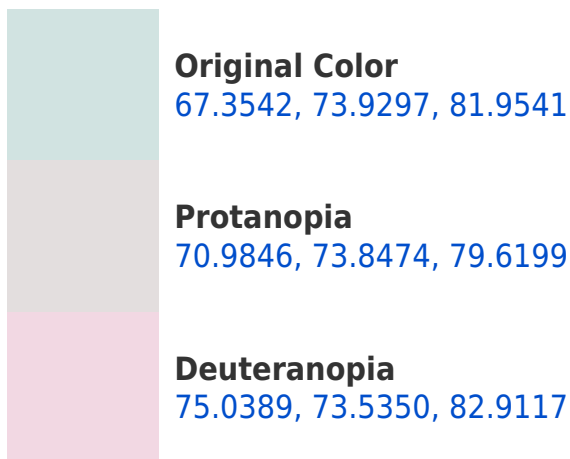
This preview shows how white text looks on a background with the XYZ color 67.3542, 73.9297,

81.9541.

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

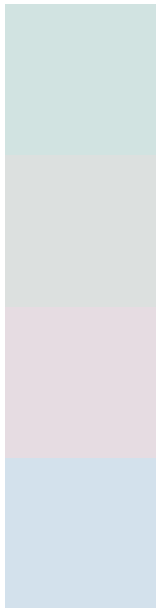




Tritanopia

69.8340, 73.7192, 94.5530

Trichromacy



Original Color

67.3542, 73.9297, 81.9541

Protanomaly

69.4901, 73.8547, 80.4049

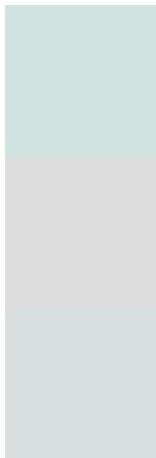
Deuteranomaly

71.9538, 73.5004, 82.3461

Tritanomaly

68.9295, 73.7554, 89.9601

Monochromacy



Original Color

67.3542, 73.9297, 81.9541

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1878, 72.8010, 79.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3542, 73.9297, 81.9541 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(209, 227, 225) looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 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(209, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.3542, 73.9297, 81.9541 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(209, 227, 225) }
```


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

```
.border{ border-color:rgb(209, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3542, 73.9297, 81.9541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 225) }
```

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

```
.background{ background-color: rgb(209,  
227, 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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