

Converting Colors

XYZ(67.7498, 73.9352, 79.7289)

Have a look what the booklet for
XYZ(67.7498, 73.9352, 79.7289)
contains.

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Color

**XYZ(67.5326, 73.6637,
79.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2DE
RGB	212, 226, 222
RGB Percent	83%, 89%, 87%
CMY	0.1686, 0.1137, 0.1294
CMYK	0.06, 0.00, 0.02, 0.11
HSL	163°, 19%, 86%
HSV	163°, 6%, 89%
XYZ	67.5326, 73.6637, 79.7664
YIQ	221.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

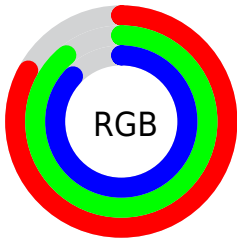
Format	Color
R _Y B	212, 220, 226
Decimal	13951710
CIE Lab	88.76, -5.40, 0.33
CIE LCh	89, 5.412, 176.488
Yxy	73.6637, 0.3056, 0.3334
Android (android.graphics.Color)	4292141790 (0xFFD4E2DE)
YUV	221.3580, 0.3165, -8.2070
Hunter-Lab	85.8276, -9.7472, 4.9764

Details

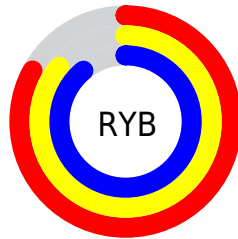
The XYZ color **67.5326, 73.6637, 79.7664** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3049, 68.2156, 74.5890**, and the grayscale version is **68.9819, 72.5744, 79.0335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4426, 39.0839, 42.2351** is the 20% darker color. If you saturate the color by 10%, you get **60.6190, 70.1998, 75.0094**, and if you desaturate by 10%, it is **75.3955, 77.6172, 84.7441**.

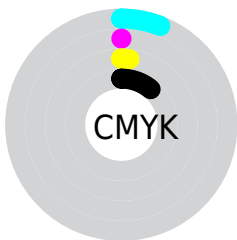
Distribution



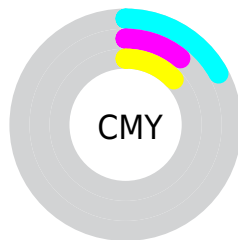
- Red (83%)
- Green (89%)
- Blue (87%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5326, 73.6637, 79.7664 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 67.5326, 73.6637, 79.7664 by changing the saturation by 10% instead.

■ 67.5326, 73.6637,
79.7664

■ 67.5326, 73.6637,
79.7664

441.2409,
473.3119, 513.8312

■ 49.7899, 54.5188,
59.0011

114.7288,
124.4190, 134.8457

■ 35.4636, 39.0166,
42.1940

144.9130,
156.7981, 169.9968

■ 24.1884, 26.7727,
28.9265

179.9751,
194.3576, 210.7802

■ 15.5989, 17.4026,
18.7801

220.2804,
237.4816, 257.6145

■ 9.3298, 10.5219,
11.3363

266.1943,
286.5547, 310.9182

■ 5.0158, 5.7464,
6.1765

318.0821,

■ 2.2914, 2.6915,

341.9611, 371.1098

2.8822

376.3092,
404.0854, 438.6080

■ 0.7902, 0.9729,
1.0348

■ 0.0000, 0.0000,
0.0000

■ 67.5326, 73.6637,
79.7664

■ 67.5326, 73.6637,
79.7664

■ 60.6190, 70.1998,
75.0094

■ 75.3955, 77.6172,
84.7441

■ 54.6104, 67.1967,
70.4646

■ 83.4222, 81.6493,
89.9032

■ 49.4683, 64.6364,
66.1298

■ 84.3727, 82.0295,
94.9081

■ 45.1488, 62.4965,
62.0010

■ 85.3574, 82.4233,
100.0934

■ 41.6041, 60.7525,
58.0738

■ 86.3767, 82.8311,
105.4610

■ 38.7815, 59.3770,
54.3438

■ 86.4877, 82.8755,
106.0459

■ 36.6213, 58.3394,
50.8061

■ 35.0538, 57.6039,
47.4552

■ 33.9925, 57.1258,
44.2850

Harmonies

Analogous

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



67.9373, 73.6637, 76.2925



67.5326, 73.6637, 79.7664



67.7862, 73.6637, 83.4657

Triad

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



67.5326, 73.6637, 79.7664



71.1438, 73.6637, 86.8342



71.4141, 73.6637, 74.3455

Complementary

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



67.5326, 73.6637, 79.7664



67.3049, 68.2156, 74.5890

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.



72.2924, 73.6637, 77.0347



67.5326, 73.6637, 79.7664



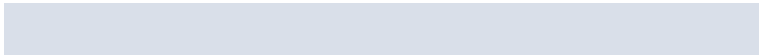
72.1349, 73.6637, 84.2537

Square

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



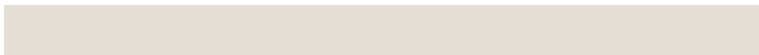
67.5326, 73.6637, 79.7664



69.8610, 73.6637, 87.6201



72.5578, 73.6637, 80.6497



70.1695, 73.6637, 73.2247

Rectangle

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



67.5326, 73.6637, 79.7664



68.2963, 73.6637, 85.5499



72.5578, 73.6637, 80.6497



71.7626, 73.6637, 75.0918

Sweetspot

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



67.5347, 73.6668, 79.7680



92.9646, 98.9520, 107.5817



67.4605, 73.7789, 72.9738



19.9201, 21.1908, 23.0408



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.



67.5347, 73.6668, 79.7680



87.9743, 96.4460, 104.3368



67.3224, 72.3733, 82.3764



14.2301, 15.6472, 16.9177



19.2586, 32.5283, 24.8827



1.3729, 2.2699, 1.9248

Inverse Universe

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



67.3049, 68.2156, 74.5890



87.6327, 88.3413, 96.6368



67.4997, 69.4235, 72.1310



14.1707, 14.2392, 15.5801



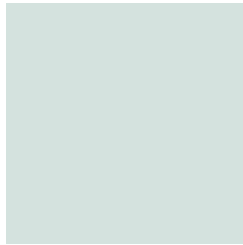
18.4755, 9.4572, 3.9038



1.3185, 0.6707, 0.4702

Previews

White Background



This preview shows how the XYZ color 67.5326, 73.6637, 79.7664 looks on a white background.

Color Contrast Check

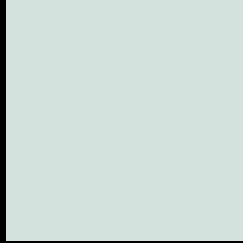
Large Text (above 18pt) WCAG AA × Fail

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 67.5326, 73.6637, 79.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

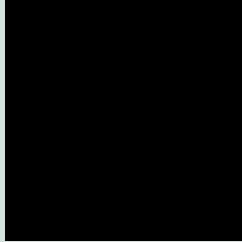
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

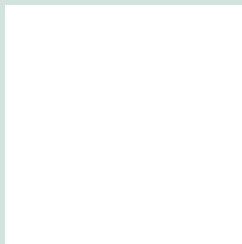
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5326, 73.6637, 79.7664

Background



This preview shows how black text looks on a background with the XYZ color 67.5326, 73.6637, 79.7664.



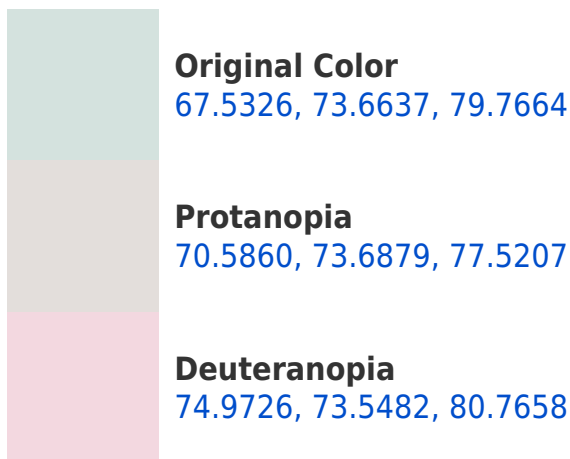
This preview shows how white text looks on a background with the XYZ color 67.5326, 73.6637,

79.7664.

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

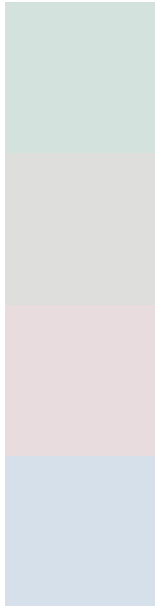




Tritanopia

70.2892, 73.5733, 93.7155

Trichromacy



Original Color

67.5326, 73.6637, 79.7664

Protanomaly

69.4301, 73.4723, 78.2323

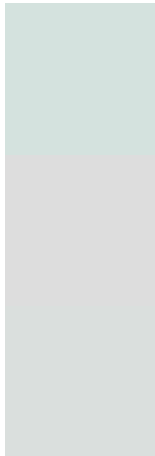
Deuteranomaly

72.1912, 73.6699, 80.2269

Tritanomaly

69.2385, 73.5480, 88.3888

Monochromacy



Original Color

67.5326, 73.6637, 79.7664

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3523, 72.9012, 78.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5326, 73.6637, 79.7664 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(212, 226, 222) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 222)  
}
```

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(212, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.5326, 73.6637, 79.7664 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(212, 226, 222) }
```


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

```
.border{ border-color:rgb(212, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5326, 73.6637, 79.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 222) }
```

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

```
.background{ background-color: rgb(212,  
226, 222) }
```

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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