

Converting Colors

XYZ(67.3821, 72.1324, 79.4758)

Have a look what the booklet for
XYZ(67.3821, 72.1324, 79.4758)
contains.

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Color

**XYZ(67.3304, 71.9636,
79.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DEDE
RGB	215, 222, 222
RGB Percent	84%, 87%, 87%
CMY	0.1569, 0.1294, 0.1294
CMYK	0.03, 0.00, 0.00, 0.13
HSL	180°, 10%, 86%
HSV	180°, 3%, 87%
XYZ	67.3304, 71.9636, 79.4489
YIQ	219.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

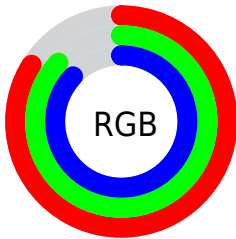
Format	Color
R _{YB}	215, 219, 222
Decimal	14147294
CIE _{Lab}	87.95, -2.35, -0.83
CIE _{LCh}	88, 2.488, 199.468
Yxy	71.9636, 0.3078, 0.3290
Android (android.graphics.Color)	4292337374 (0xFFD7DEDE)
YUV	219.9070, 1.0318, -4.3034
Hunter-Lab	84.8314, -6.7800, 3.8538

Details

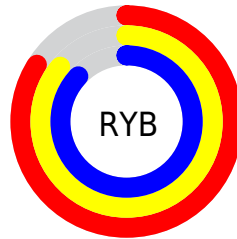
The XYZ color **67.3304, 71.9636, 79.4489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6930, 69.0386, 74.1041**, and the grayscale version is **67.9595, 71.4987, 77.8621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2910, 37.9010, 42.0148** is the 20% darker color. If you saturate the color by 10%, you get **61.2477, 68.8300, 79.1573**, and if you desaturate by 10%, it is **74.3018, 75.5593, 79.7850**.

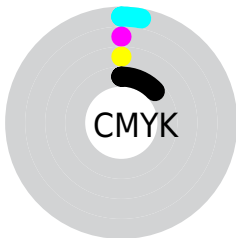
Distribution



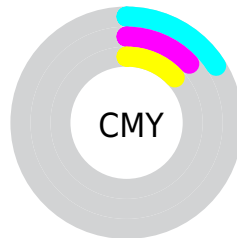
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3304, 71.9636, 79.4489 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 67.3304, 71.9636, 79.4489 by changing the saturation by 10% instead.

■ 67.3304, 71.9636,
79.4489

■ 67.3304, 71.9636,
79.4489

440.5339,
467.4149, 512.7314

■ 49.6249, 53.1289,
58.7415

114.4409,
122.0048, 134.3950

■ 35.3320, 37.9057,
41.9864

144.5766,
153.9801, 169.4708

■ 24.0864, 25.9095,
28.7651

179.5863,
191.1044, 210.1731

■ 15.5228, 16.7560,
18.6592

219.8355,
233.7621, 256.9204

■ 9.2758, 10.0607,
11.2500

265.6896,
282.3376, 310.1314

■ 4.9801, 5.4392,
6.1189

317.5137,

■ 2.2702, 2.5072,

337.2153, 370.2245

2.8476

375.6734,
398.7796, 437.6183

■ 0.7794, 0.8802,
1.0173

■ 0.0000, 0.0000,
0.0000

■ 67.3304, 71.9636,
79.4489

■ 67.3304, 71.9636,
79.4489

■ 61.2477, 68.8300,
79.1573

■ 74.3018, 75.5593,
79.7850

■ 56.0121, 66.1312,
78.9039

■ 80.5509, 78.7807,
80.0859

■ 51.5881, 63.8507,
78.6885

■ 80.5525, 78.7813,
80.0943

■ 47.9349, 61.9676,
78.5091

■ 80.5541, 78.7820,
80.1028

45.0084, 60.4592,
78.3638

80.5558, 78.7826,
80.1113

42.7602, 59.3003,
78.2502

80.5574, 78.7832,
80.1197

41.1357, 58.4631,
78.1658

80.5590, 78.7839,
80.1282

40.0721, 57.9149,
78.1076

80.5606, 78.7845,
80.1367

39.4935, 57.6168,
78.0722

80.5622, 78.7852,
80.1451

Harmonies

Analogous

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



67.2849, 71.9636, 77.7611



67.3304, 71.9636, 79.4489



67.6613, 71.9636, 80.8630

Triad

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



67.3304, 71.9636, 79.4489



69.2691, 71.9636, 80.4964



68.6078, 71.9636, 75.1910

Complementary

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



67.3304, 71.9636, 79.4489



66.6930, 69.0386, 74.1041

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.



69.1425, 71.9636, 75.9016



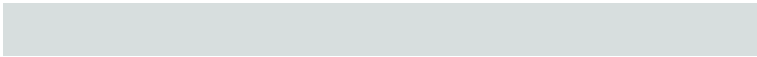
67.3304, 71.9636, 79.4489



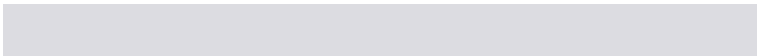
69.5258, 71.9636, 78.9542

Square

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



67.3304, 71.9636, 79.4489



68.7798, 71.9636, 81.4738



69.4793, 71.9636, 77.2734



68.0201, 71.9636, 75.3191

Rectangle

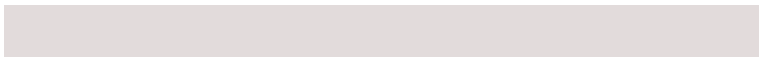
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3304, 71.9636, 79.4489



68.0003, 71.9636, 81.4525



69.4793, 71.9636, 77.2734



68.7997, 71.9636, 75.3393

Sweetspot

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



67.3324, 71.9667, 79.4505



94.1178, 99.5195, 108.8552



66.4476, 71.6167, 74.6121



20.1549, 21.3063, 23.3000



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.



67.3324, 71.9667, 79.4505



91.3956, 98.1162, 108.7243



66.4428, 70.1865, 79.1564



14.7661, 15.9072, 17.6789



23.3377, 34.1599, 46.3626



1.6177, 2.3678, 3.2142

Inverse Universe

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



66.6930, 69.0386, 74.1041



90.2837, 93.0246, 99.4277



67.5635, 70.7804, 74.3919



14.5551, 14.9410, 15.9147



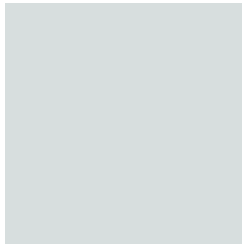
17.8937, 9.2245, 0.8401



1.2404, 0.6394, 0.0588

Previews

White Background



This preview shows how the XYZ color 67.3304, 71.9636, 79.4489 looks on a white background.

Color Contrast Check

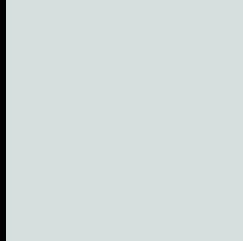
Large Text (above 18pt) WCAG AA × Fail

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 67.3304, 71.9636, 79.4489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

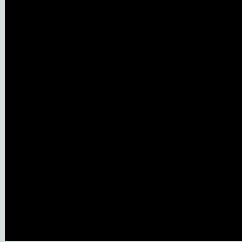
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

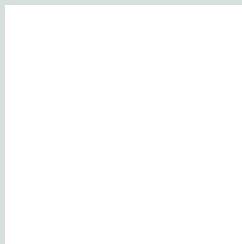
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3304, 71.9636, 79.4489

Background



This preview shows how black text looks on a background with the XYZ color 67.3304, 71.9636, 79.4489.

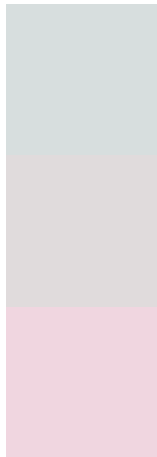


This preview shows how white text looks on a background with the XYZ color 67.3304, 71.9636,

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

67.3304, 71.9636, 79.4489

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

73.4363, 72.0002, 80.5479



Tritanopia

69.4945, 72.0525, 90.3655

Trichromacy



Original Color

67.3304, 71.9636, 79.4489

Protanomaly

68.4631, 71.7790, 78.6530

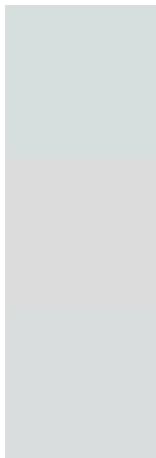
Deuteranomaly

71.0871, 71.9423, 79.9516

Tritanomaly

68.7408, 72.1380, 86.6449

Monochromacy



Original Color

67.3304, 71.9636, 79.4489

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8210, 71.8388, 78.6983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3304, 71.9636, 79.4489 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, 222, 222) looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 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(215, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.3304, 71.9636, 79.4489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

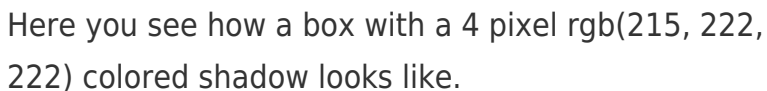
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 222, 222) }
```


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

```
.border{ border-color:rgb(215, 222, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 222, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 222, 222); box-shadow:4px 4px 4px 4px rgb(215, 222, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3304, 71.9636, 79.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 222) }
```

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

```
.background{ background-color: rgb(215,  
222, 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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