

Converting Colors

XYZ(67.0663, 73.7496, 83.3734)

Have a look what the booklet for
XYZ(67.0663, 73.7496, 83.3734)
contains.

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Color

**XYZ(67.0663, 73.7496,
83.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE3E3
RGB	207, 227, 227
RGB Percent	81%, 89%, 89%
CMY	0.1882, 0.1098, 0.1098
CMYK	0.09, 0.00, 0.00, 0.11
HSL	180°, 26%, 85%
HSV	180°, 9%, 89%
XYZ	67.0663, 73.7496, 83.3734
YIQ	221.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

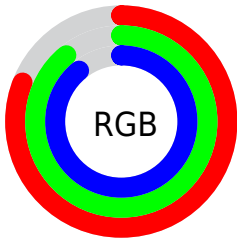
Format	Color
R_{YB}	207, 217, 227
Decimal	13624291
CIE Lab	88.80, -6.61, -2.28
CIE LCh	89, 6.987, 199.010
Yxy	73.7496, 0.2992, 0.3290
Android (android.graphics.Color)	4291814371 (0xFFCFE3E3)
YUV	221.0200, 2.9481, -12.2955
Hunter-Lab	85.8776, -10.8858, 2.5532

Details

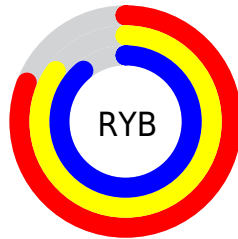
The XYZ color **67.0663, 73.7496, 83.3734** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2565, 65.4634, 68.2311**, and the grayscale version is **68.7290, 72.3082, 78.7436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3358, 39.2559, 44.7445** is the 20% darker color. If you saturate the color by 10%, you get **61.1747, 70.7144, 83.0964**, and if you desaturate by 10%, it is **73.8740, 77.2610, 83.6963**.

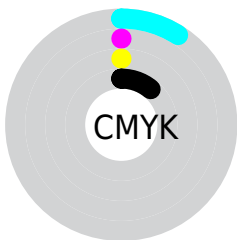
Distribution



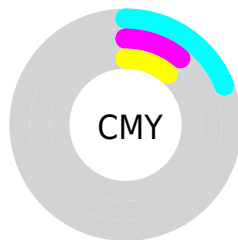
- Red (81%)
- Green (89%)
- Blue (89%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0663, 73.7496, 83.3734 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 67.0663, 73.7496, 83.3734 by changing the saturation by 10% instead.

■ 67.0663, 73.7496,
83.3734

■ 67.0663, 73.7496,
83.3734

439.6095,
473.6087, 526.2337

■ 49.4094, 54.5891,
61.9558

114.0647,
124.5408, 139.9522

■ 35.1602, 39.0729,
44.5615

144.1369,
156.9403, 175.9506

■ 23.9534, 26.8164,
30.7717

179.0782,
194.5216, 217.6462

■ 15.4236, 17.4354,
20.1681

219.2540,
237.6690, 265.4578

■ 9.2055, 10.5454,
12.3320

265.0297,
286.7671, 319.8038

■ 4.9336, 5.7620,
6.8449

316.7706,

■ 2.2427, 2.7009,

342.2001, 381.1027

3.2883

374.8421,
404.3525, 449.7732

■ 0.7651, 0.9777,
1.2437

■ 0.0000, 0.0000,
0.0150

■ 67.0663, 73.7496,
83.3734

■ 67.0663, 73.7496,
83.3734

■ 61.1747, 70.7144,
83.0964

■ 73.8740, 77.2610,
83.6963

■ 56.1540, 68.1263,
82.8587

■ 81.6278, 81.2582,
84.0620

■ 51.9650, 65.9668,
82.6599

■ 82.5774, 81.7477,
84.1092

■ 48.5627, 64.2129,
82.4979

■ 82.5779, 81.7479,
84.1120

45.8980, 62.8393,
82.3704

82.5785, 81.7481,
84.1148

43.9164, 61.8178,
82.2749

82.5790, 81.7483,
84.1176

42.5556, 61.1163,
82.2084

82.5795, 81.7486,
84.1204

41.7423, 60.6971,
82.1676

82.5801, 81.7488,
84.1232

41.3648, 60.5025,
82.1471

82.5806, 81.7490,
84.1260

Harmonies

Analogous

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



66.9521, 73.7496, 78.5379



67.0663, 73.7496, 83.3734



67.9849, 73.7496, 87.5394

Triad

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



67.0663, 73.7496, 83.3734



72.5807, 73.7496, 86.5672



70.7187, 73.7496, 71.4991

Complementary

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



67.0663, 73.7496, 83.3734



65.2565, 65.4634, 68.2311

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.



72.2520, 73.7496, 73.4727



67.0663, 73.7496, 83.3734



73.3385, 73.7496, 82.0898

Square

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



67.0663, 73.7496, 83.3734



71.1616, 73.7496, 89.4339



73.2172, 73.7496, 77.3046



69.0426, 73.7496, 71.8116

Rectangle

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



67.0663, 73.7496, 83.3734



68.9381, 73.7496, 89.3157



73.2172, 73.7496, 77.3046



71.2684, 73.7496, 71.9139

Sweetspot

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



67.0684, 73.7527, 83.3750



92.2911, 98.5778, 108.7698



64.5590, 72.7597, 69.6740



19.6003, 21.0204, 23.2740



0.0000, 0.0000, 0.0000



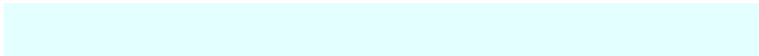
20.3446, 21.4041, 23.3091

Same Dimension

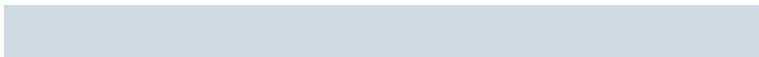
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0684, 73.7527, 83.3750



85.4720, 95.0625, 108.4478



64.4982, 68.6115, 82.5206



14.8074, 16.3364, 18.5166



24.1032, 35.2734, 47.9052



1.7812, 2.6066, 3.5402

Inverse Universe

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



65.2565, 65.4634, 68.2311



82.5543, 81.7144, 84.0617



67.6707, 70.2925, 69.0338



14.3772, 14.3681, 14.9205



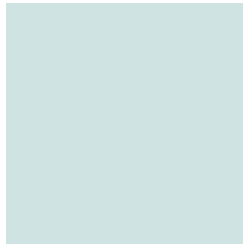
18.4752, 9.5243, 0.8655



1.3653, 0.7038, 0.0641

Previews

White Background



This preview shows how the XYZ color 67.0663, 73.7496, 83.3734 looks on a white background.

Color Contrast Check

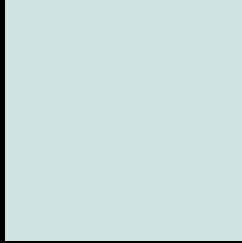
Large Text (above 18pt) WCAG AA × Fail

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 67.0663, 73.7496, 83.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

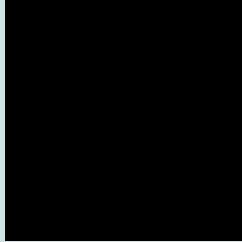
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

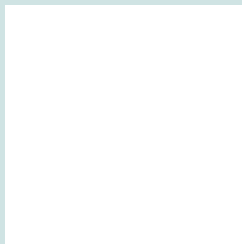
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0663, 73.7496, 83.3734

Background



This preview shows how black text looks on a background with the XYZ color 67.0663, 73.7496, 83.3734.

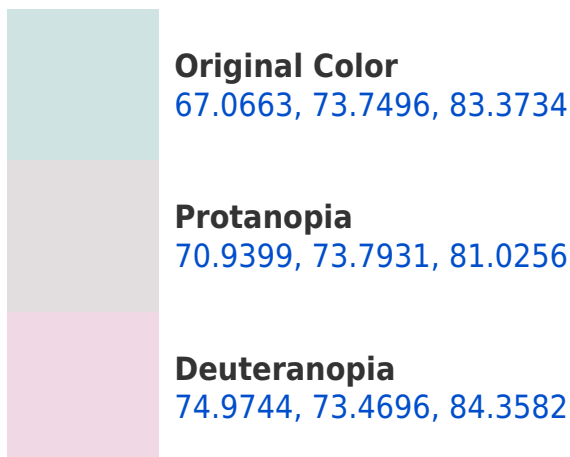


This preview shows how white text looks on a background with the XYZ color 67.0663, 73.7496,

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

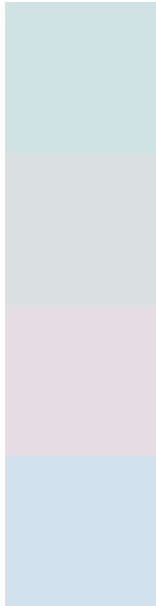




Tritanopia

69.5306, 73.9629, 94.6160

Trichromacy



Original Color

67.0663, 73.7496, 83.3734

Protanomaly

69.4597, 73.8076, 81.8195

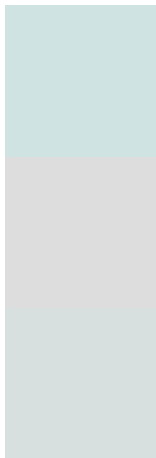
Deuteranomaly

71.9099, 73.4458, 83.7852

Tritanomaly

68.7769, 74.0624, 90.7913

Monochromacy



Original Color

67.0663, 73.7496, 83.3734

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0259, 72.7020, 80.2596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0663, 73.7496, 83.3734 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(207, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 227, 227)  
}
```

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(207, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.0663, 73.7496, 83.3734 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(207, 227, 227) }
```


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

```
.border{ border-color:rgb(207, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0663, 73.7496, 83.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 227, 227) }
```

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

```
.background{ background-color: rgb(207,  
227, 227) }
```

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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