

Converting Colors

XYZ(67.5409, 74.1735, 73.0161)

Have a look what the booklet for
XYZ(67.5409, 74.1735, 73.0161)
contains.

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Color

**XYZ(67.6717, 74.2906,
73.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E3D4
RGB	216, 227, 212
RGB Percent	85%, 89%, 83%
CMY	0.1529, 0.1098, 0.1686
CMYK	0.05, 0.00, 0.07, 0.11
HSL	104°, 21%, 86%
HSV	104°, 7%, 89%
XYZ	67.6717, 74.2906, 73.0602
YIQ	222.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

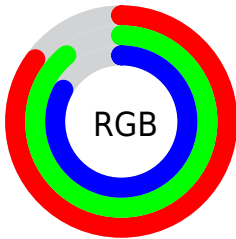
Format	Color
R_{YB}	212, 227, 223
Decimal	14214100
CIE Lab	89.06, -6.37, 6.04
CIE LCh	89, 8.783, 136.518
Yxy	74.2906, 0.3147, 0.3455
Android (android.graphics.Color)	4292404180 (0xFFD8E3D4)
YUV	222.0010, -4.9305, -5.2629
Hunter-Lab	86.1920, -10.6907, 10.0775

Details

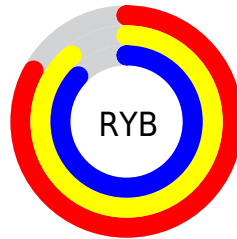
The XYZ color **67.6717, 74.2906, 73.0602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8429, 68.3230, 82.2889**, and the grayscale version is **69.4683, 73.0860, 79.5907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5363, 39.5164, 37.6528** is the 20% darker color. If you saturate the color by 10%, you get **60.3355, 70.8187, 58.8050**, and if you desaturate by 10%, it is **75.9132, 78.1869, 89.4624**.

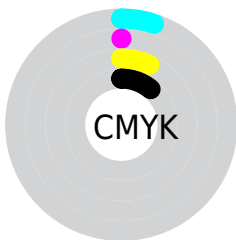
Distribution



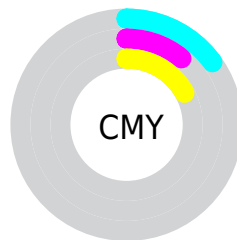
- Red (85%)
- Green (89%)
- Blue (83%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6717, 74.2906, 73.0602 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 67.6717, 74.2906, 73.0602 by changing the saturation by 10% instead.

67.6717, 74.2906,
73.0602

67.6717, 74.2906,
73.0602

441.7269,
475.4757, 490.2998

49.9034, 55.0319,
53.5331

114.9269,
125.3077, 125.2844

35.5541, 39.4273,
37.8378

145.1444,
157.8348, 158.8185

24.2585, 27.0923,
25.5560

180.2424,
195.5536, 197.8587

15.6513, 17.6425,
16.2690

220.5863,
238.8484, 242.8235

9.3670, 10.6937,
9.5583

266.5413,
288.1037, 294.1315

5.0404, 5.8612,
5.0053

318.4728,

2.3060, 2.7609,

343.7037, 352.2012

2.1916

376.7463,
406.0329, 417.4511

■ 0.7977, 1.0082,
0.6695

■ 0.0000, 0.0000,
0.0000

■ 67.6717, 74.2906,
73.0602

■ 67.6717, 74.2906,
73.0602

■ 60.3355, 70.8187,
58.8050

■ 75.9132, 78.1869,
89.4624

■ 53.8668, 67.7473,
46.6034

■ 84.6942, 82.3559,
106.0401

■ 48.2343, 65.0646,
36.3620

■ 86.7605, 83.4211,
106.1368

■ 43.4026, 62.7543,
27.9786

■ 39.3334, 60.7992,
21.3415

■ 35.9849, 59.1805,
16.3272

■ 33.3113, 57.8776,
12.7958

■ 31.2606, 56.8673,
10.5840

■ 29.7704, 56.1218,
9.4846

Harmonies

Analogous

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



69.4493, 74.2906, 70.1253



67.6717, 74.2906, 73.0602



66.6906, 74.2906, 78.1774

Triad

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



67.6717, 74.2906, 73.0602



69.6574, 74.2906, 92.8799



74.6236, 74.2906, 77.5905

Complementary

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



67.6717, 74.2906, 73.0602



67.8429, 68.3230, 82.2889

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.



74.6821, 74.2906, 83.6642



67.6717, 74.2906, 73.0602



71.7855, 74.2906, 92.7031

Square

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



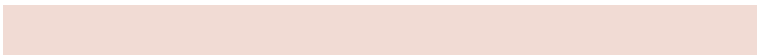
67.6717, 74.2906, 73.0602



67.8214, 74.2906, 89.7312



73.6342, 74.2906, 89.2598



73.4760, 74.2906, 72.6492

Rectangle

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



67.6717, 74.2906, 73.0602



66.6072, 74.2906, 82.2328



73.6342, 74.2906, 89.2598



74.7721, 74.2906, 79.5616

Sweetspot

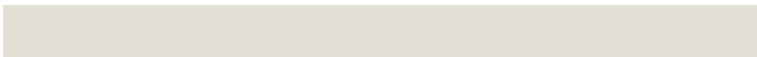
The Sweet Spot groups the original color and five complimentary colors.



67.6738, 74.2938, 73.0618



92.8769, 98.9733, 104.5689



69.9530, 73.8630, 72.8585



19.9023, 21.1951, 22.4274



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.



67.6738, 74.2938, 73.0618



86.6459, 96.0270, 92.2630



66.9528, 73.8706, 75.3587



14.5479, 16.2740, 15.2789



17.2195, 32.6585, 5.3962



1.3587, 2.4578, 0.4028

Inverse Universe

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



67.8429, 68.3230, 82.2889



86.9114, 86.6510, 106.7523



68.6116, 68.7745, 79.8278



14.6006, 14.4119, 18.1566



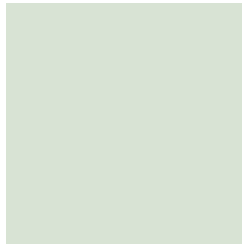
17.4330, 8.0529, 43.0187



1.3751, 0.6398, 3.1830

Previews

White Background



This preview shows how the XYZ color 67.6717, 74.2906, 73.0602 looks on a white background.

Color Contrast Check

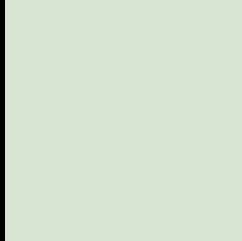
Large Text (above 18pt) WCAG AA × Fail

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 67.6717, 74.2906, 73.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

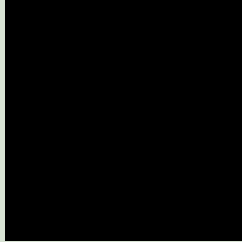
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

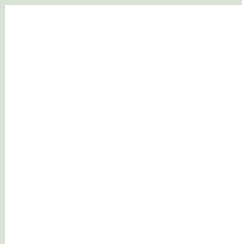
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6717, 74.2906, 73.0602

Background



This preview shows how black text looks on a background with the XYZ color 67.6717, 74.2906, 73.0602.

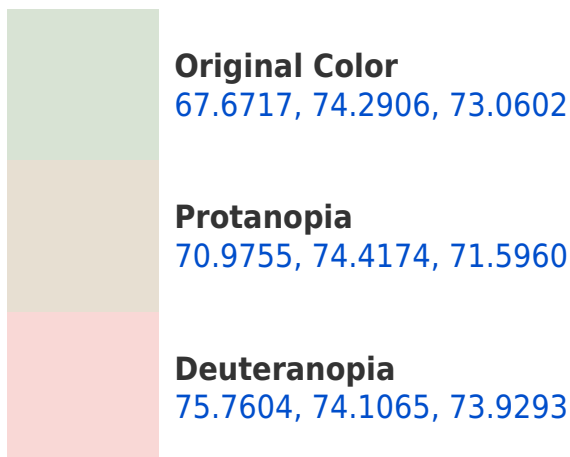


This preview shows how white text looks on a background with the XYZ color 67.6717, 74.2906, 73.0602.

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

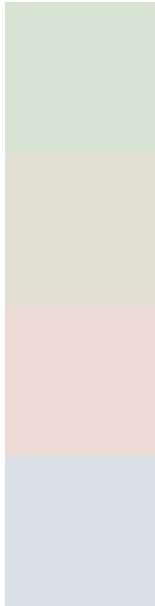




Tritanopia

71.6311, 74.2823, 93.0006

Trichromacy



Original Color

67.6717, 74.2906, 73.0602

Protanomaly

69.7776, 74.1832, 72.2691

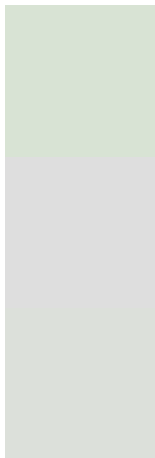
Deuteranomaly

72.5285, 73.9950, 73.4106

Tritanomaly

70.1520, 74.0845, 85.4653

Monochromacy



Original Color

67.6717, 74.2906, 73.0602

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.8257, 73.5889, 76.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6717, 74.2906, 73.0602 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(216, 227, 212) looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 212)  
}
```

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(216, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.6717, 74.2906, 73.0602 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(216, 227, 212) }
```


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

```
.border{ border-color:rgb(216, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6717, 74.2906, 73.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 212) }
```

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

```
.background{ background-color: rgb(216,  
227, 212) }
```

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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