

Converting Colors

XYZ(67.8321, 73.5369, 76.4533)

Have a look what the booklet for
XYZ(67.8321, 73.5369, 76.4533)
contains.

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Color

**XYZ(67.7685, 73.4591,
76.2529)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E1D9
RGB	216, 225, 217
RGB Percent	85%, 88%, 85%
CMY	0.1529, 0.1176, 0.1490
CMYK	0.04, 0.00, 0.04, 0.12
HSL	127°, 13%, 86%
HSV	127°, 4%, 88%
XYZ	67.7685, 73.4591, 76.2529
YIQ	221.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

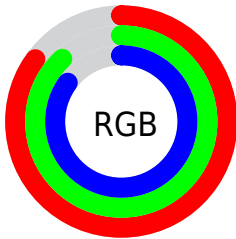
Format	Color
R _Y B	216, 224, 225
Decimal	14213593
CIE Lab	88.67, -4.46, 2.85
CIE LCh	89, 5.297, 147.434
Yxy	73.4591, 0.3116, 0.3378
Android (android.graphics.Color)	4292403673 (0xFFD8E1D9)
YUV	221.3970, -2.1677, -4.7332
Hunter-Lab	85.7083, -8.8517, 7.2467

Details

The XYZ color **67.7685, 73.4591, 76.2529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0644, 70.5030, 80.4929**, and the grayscale version is **69.0241, 72.6188, 79.0818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5943, 38.9352, 39.8216** is the 20% darker color. If you saturate the color by 10%, you get **59.1250, 69.2879, 63.0814**, and if you desaturate by 10%, it is **77.6418, 78.2320, 91.1309**.

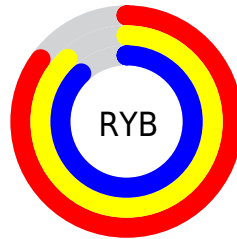
Distribution



Red (85%)

Green (88%)

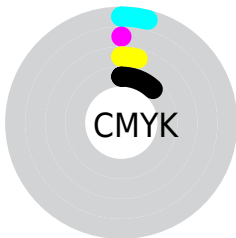
Blue (85%)



Red (85%)

Yellow (88%)

Blue (88%)

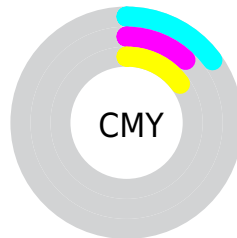


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7685, 73.4591, 76.2529 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 67.7685, 73.4591, 76.2529 by changing the saturation by 10% instead.

67.7685, 73.4591,
76.2529

67.7685, 73.4591,
76.2529

442.0650,
472.6044, 501.5828

49.9824, 54.3514,
56.1320

115.0646,
124.1287, 129.8477

35.6172, 38.8827,
39.9041

145.3054,
156.4595, 164.1587

24.3074, 26.6685,
27.1505

180.4284,
193.9668, 204.0368

15.6878, 17.3244,
17.4529

220.7991,
237.0350, 249.9005

9.3929, 10.4661,
10.3925

266.7827,
286.0484, 302.1685

5.0575, 5.7090,
5.5510

318.7446,

2.3161, 2.6690,

341.3916, 361.2591

2.5097

377.0503,
403.4488, 427.5911

■ 0.8029, 0.9615,
0.8453

■ 0.0000, 0.0000,
0.0000

■ 67.7685, 73.4591,
76.2529

■ 67.7685, 73.4591,
76.2529

■ 59.1250, 69.2879,
63.0814

■ 77.6418, 78.2320,
91.1309

■ 51.6571, 65.6855,
51.5507

■ 86.2166, 82.3333,
105.9555

■ 45.3157, 62.6301,
41.5981

■ 40.0459, 60.0949,
33.1548

■ 35.7882, 58.0507,
26.1472

■ 32.4773, 56.4655,
20.4953

■ 30.0400, 55.3035,
16.1115

■ 28.3924, 54.5236,
12.8977

■ 27.4338, 54.0762,
10.7415

Harmonies

Analogous

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



68.6937, 73.4591, 73.8948



67.7685, 73.4591, 76.2529



67.3926, 73.4591, 79.6696

Triad

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



67.7685, 73.4591, 76.2529



69.7106, 73.4591, 87.2289



72.0262, 73.4591, 76.7832

Complementary

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



67.7685, 73.4591, 76.2529



69.0644, 70.5030, 80.4929

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.



72.3064, 73.4591, 80.3002



67.7685, 73.4591, 76.2529



70.9599, 73.4591, 86.3999

Square

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



67.7685, 73.4591, 76.2529



68.5053, 73.4591, 86.0683



71.9139, 73.4591, 83.8358



71.1528, 73.4591, 74.1943

Rectangle

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



67.7685, 73.4591, 76.2529



67.5005, 73.4591, 82.1133



71.9139, 73.4591, 83.8358



72.1934, 73.4591, 77.8928

Sweetspot

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



67.7706, 73.4622, 76.2545



93.7552, 99.3744, 106.9456



70.0945, 74.6753, 75.6861



20.0811, 21.2768, 22.9114



0.0000, 0.0000, 0.0000



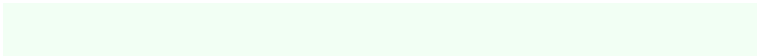
20.3446, 21.4041, 23.3091

Same Dimension

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



67.7706, 73.4622, 76.2545



88.7423, 96.9529, 99.3591



68.3510, 73.6944, 79.3109



14.3098, 15.7093, 15.9726



15.6378, 31.0800, 5.8156



1.1049, 2.1627, 0.5138

Inverse Universe

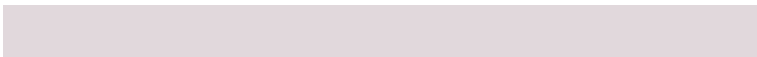
The Inverse Universe completely reimagines the original color for something new.



69.0644, 70.5030, 80.4929



90.8894, 92.0423, 106.3923



68.4749, 70.2672, 77.3887



14.7012, 14.8143, 17.2544



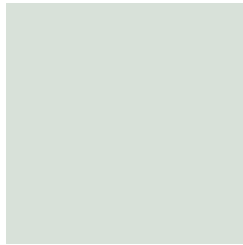
23.9283, 11.6383, 32.6176



1.6775, 0.8143, 2.3608

Previews

White Background



This preview shows how the XYZ color 67.7685, 73.4591, 76.2529 looks on a white background.

Color Contrast Check

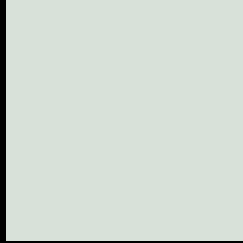
Large Text (above 18pt) WCAG AA × Fail

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 67.7685, 73.4591, 76.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

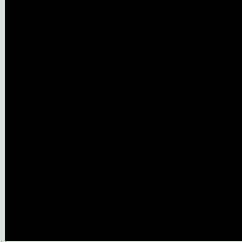
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

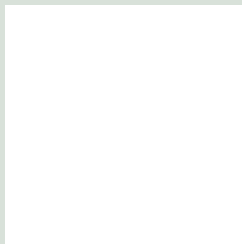
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7685, 73.4591, 76.2529

Background



This preview shows how black text looks on a background with the XYZ color 67.7685, 73.4591, 76.2529.

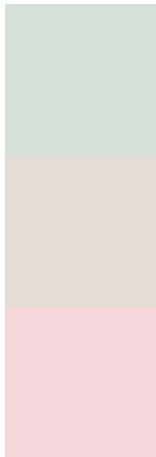


This preview shows how white text looks on a background with the XYZ color 67.7685, 73.4591,

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

67.7685, 73.4591, 76.2529

Protanopia

70.1171, 73.1132, 74.7067

Deuteranopia

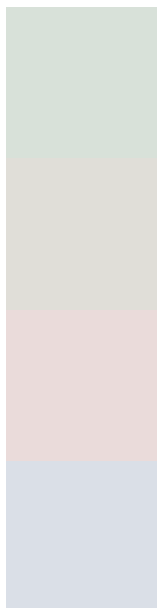
74.7428, 73.1278, 77.1935



Tritanopia

70.9147, 73.5346, 92.1174

Trichromacy



Original Color

67.7685, 73.4591, 76.2529

Protanomaly

69.2564, 73.0477, 75.4152

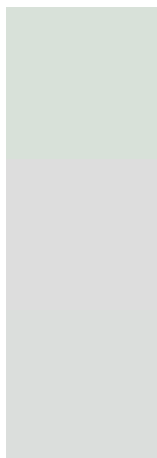
Deuteranomaly

71.9181, 73.2174, 76.6716

Tritanomaly

69.7249, 73.4503, 86.1037

Monochromacy



Original Color

67.7685, 73.4591, 76.2529

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2530, 72.4699, 78.1009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7685, 73.4591, 76.2529 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, 225, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 225, 217)  
}
```

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, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.7685, 73.4591, 76.2529 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, 225, 217) }
```


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

```
.border{ border-color:rgb(216, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7685, 73.4591, 76.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 225, 217) }
```

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

```
.background{ background-color: rgb(216,  
225, 217) }
```

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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