

Converting Colors

XYZ(70.0015, 76.5563, 67.4564)

Have a look what the booklet for
XYZ(70.0015, 76.5563, 67.4564)
contains.

XYZ(69.8501, 76.3580, 67.5570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.8501, 76.3580,
67.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E5CB
RGB	225, 229, 203
RGB Percent	88%, 90%, 80%
CMY	0.1176, 0.1019, 0.2039
CMYK	0.02, 0.00, 0.11, 0.10
HSL	69°, 33%, 85%
HSV	69°, 11%, 90%
XYZ	69.8501, 76.3580, 67.5570
YIQ	224.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

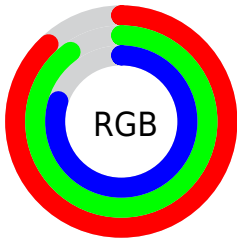
Format	Color
R_{YB}	203, 229, 207
Decimal	14804427
CIE _{Lab}	90.03, -5.79, 12.22
CIE _{LCh}	90, 13.524, 115.370
Yxy	76.3580, 0.3268, 0.3572
Android (android.graphics.Color)	4292994507 (0xFFE1E5CB)
YUV	224.8400, -10.7671, 0.1403
Hunter-Lab	87.3831, -10.2355, 15.3303

Details

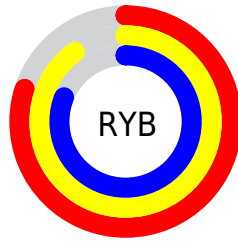
The XYZ color **69.8501, 76.3580, 67.5570** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.2340, 61.6366, 82.8026**, and the grayscale version is **71.5268, 75.2517, 81.9491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1384, 40.9881, 34.3879** is the 20% darker color. If you saturate the color by 10%, you get **66.2327, 74.7878, 54.1788**, and if you desaturate by 10%, it is **73.8976, 78.1078, 83.0628**.

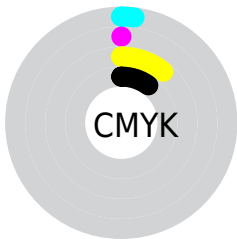
Distribution



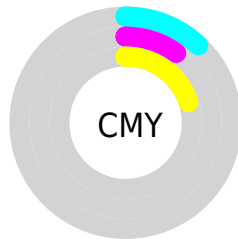
- Red (88%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8501, 76.3580, 67.5570 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 69.8501, 76.3580, 67.5570 by changing the saturation by 10% instead.

69.8501, 76.3580,
67.5570

69.8501, 76.3580,
67.5570

449.2981,
482.5723, 470.4802

51.6835, 56.7261,
49.0730

118.0224,
128.2328, 117.3664

36.9761, 40.7854,
34.3114

148.7588,
161.2446, 149.5288

25.3626, 28.1514,
22.8536

184.4158,
199.4850, 187.0878

16.4776, 18.4398,
14.2812

225.3589,
243.3387, 230.4620

9.9557, 11.2662,
8.1755

271.9533,
293.1898, 280.0697

5.4316, 6.2462,
4.1181

324.5644,

2.5400, 2.9954,

349.4228, 336.3296

1.6903

383.5575,
412.4222, 399.6603

■ 0.9155, 1.1293,
0.3541

■ 0.0000, 0.0028,
0.0000

■ 69.8501, 76.3580,
67.5570

■ 69.8501, 76.3580,
67.5570

■ 66.2327, 74.7878,
54.1788

■ 73.8976, 78.1078,
83.0628

■ 63.0214, 73.3802,
42.8304

■ 78.3855, 80.0340,
100.7782

■ 60.1992, 72.1308,
33.4139

■ 80.5242, 81.0231,
106.0027

■ 57.7455, 71.0314,
25.8214

■ 81.7042, 81.6314,
106.0579

■ 55.6375, 70.0728,
19.9342

■ 82.9074, 82.2517,
106.1142

■ 53.8501, 69.2450,
15.6198

■ 84.1340, 82.8840,
106.1716

■ 52.3542, 68.5363,
12.7260

■ 85.3841, 83.5285,
106.2301

■ 51.1150, 67.9329,
11.0707

■ 86.6578, 84.1851,
106.2897

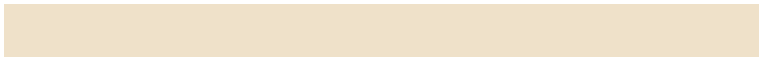
■ 50.2013, 67.4762,
10.3783

■ 87.3109, 84.5218,
106.3203

Harmonies

Analogous

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



73.0973, 76.3580, 66.0708



69.8501, 76.3580, 67.5570



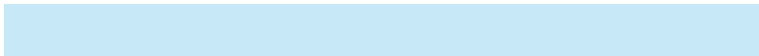
67.4022, 76.3580, 73.0891

Triad

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



69.8501, 76.3580, 67.5570



68.9756, 76.3580, 99.2681



79.1896, 76.3580, 84.6393

Complementary

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



69.8501, 76.3580, 67.5570



61.2340, 61.6366, 82.8026

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.



78.0080, 76.3580, 94.0745



69.8501, 76.3580, 67.5570



72.0571, 76.3580, 102.9237

Square

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



69.8501, 76.3580, 67.5570



66.9083, 76.3580, 91.3007



75.3719, 76.3580, 100.9540



78.5550, 76.3580, 75.4823

Rectangle

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



69.8501, 76.3580, 67.5570



66.5183, 76.3580, 78.5666



75.3719, 76.3580, 100.9540



78.9907, 76.3580, 87.8894

Sweetspot

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



69.8522, 76.3613, 67.5586



93.4104, 99.2943, 102.5216



65.3838, 65.5492, 65.7072



19.9017, 21.2134, 21.5882



0.0000, 0.0000, 0.0000



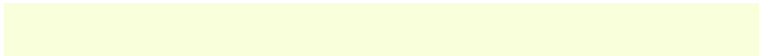
20.3446, 21.4041, 23.3091

Same Dimension

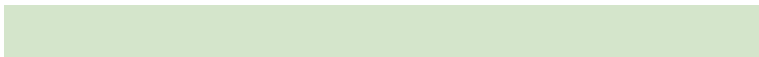
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8522, 76.3613, 67.5586



87.8317, 96.8824, 81.2960



65.9817, 74.3660, 67.3775



15.3721, 16.6989, 15.3175



28.7842, 38.6203, 5.9374



2.1862, 2.8844, 0.4415

Inverse Universe

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



61.2340, 61.6366, 82.8026



74.4483, 74.0149, 104.9702



64.9863, 63.5709, 82.9782



13.7885, 13.9932, 18.1186



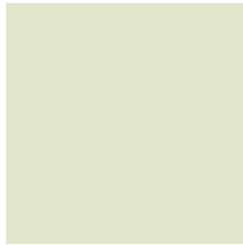
8.5513, 3.4742, 42.6031



0.6959, 0.2897, 3.1512

Previews

White Background



This preview shows how the XYZ color 69.8501, 76.3580, 67.5570 looks on a white background.

Color Contrast Check

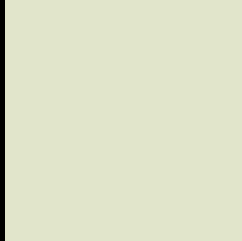
Large Text (above 18pt) WCAG AA × Fail

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 69.8501, 76.3580, 67.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

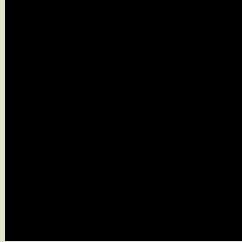
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

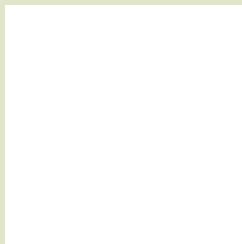
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8501, 76.3580, 67.5570

Background



This preview shows how black text looks on a background with the XYZ color 69.8501, 76.3580, 67.5570.



This preview shows how white text looks on a background with the XYZ color 69.8501, 76.3580,

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

69.8501, 76.3580, 67.5570

Protanopia

72.3310, 76.4426, 66.2010

Deuteranopia

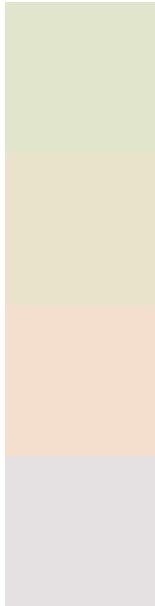
77.4520, 75.8590, 68.9526



Tritanopia

75.2199, 76.1152, 93.9463

Trichromacy



Original Color

69.8501, 76.3580, 67.5570

Protanomaly

71.4085, 76.3582, 66.8521

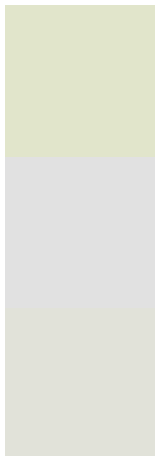
Deuteranomaly

74.4489, 75.8834, 68.4807

Tritanomaly

73.1034, 76.0545, 83.5001

Monochromacy



Original Color

69.8501, 76.3580, 67.5570

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.7721, 75.4100, 76.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8501, 76.3580, 67.5570 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(225, 229, 203) looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 203)  
}
```

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(225, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.8501, 76.3580, 67.5570 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(225, 229, 203) }
```


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

```
.border{ border-color:rgb(225, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8501, 76.3580, 67.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 203) }
```

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

```
.background{ background-color: rgb(225,  
229, 203) }
```

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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