

# Converting Colors

XYZ(69.5342, 76.2522, 74.2940)

Have a look what the booklet for  
XYZ(69.5342, 76.2522, 74.2940)  
contains.

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# Color

**XYZ(69.5205, 76.4578,  
74.0445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE6D5
RGB	219, 230, 213
RGB Percent	86%, 90%, 84%
CMY	0.1412, 0.0980, 0.1647
CMYK	0.05, 0.00, 0.07, 0.10
HSL	99°, 25%, 87%
HSV	99°, 7%, 90%
XYZ	69.5205, 76.4578, 74.0445
YIQ	224.7730, -1.0990, -7.6190

# Conversions

## Conversions Part 2

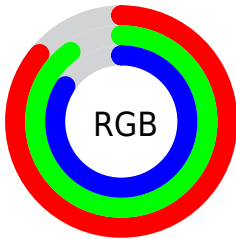
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 230, 224
Decimal	14411477
CIE Lab	90.07, -6.70, 7.01
CIE LCh	90, 9.697, 133.743
Yxy	76.4578, 0.3160, 0.3475
Android (android.graphics.Color)	4292601557 (0xFFDBE6D5)
YUV	224.7730, -5.8041, -5.0629
Hunter-Lab	87.4402, -11.1014, 11.0012

# Details

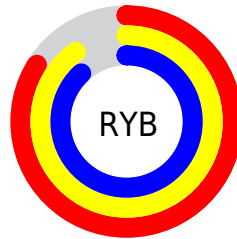
The XYZ color **69.5205, 76.4578, 74.0445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8206, 69.1510, 84.5871**, and the grayscale version is **71.4478, 75.1686, 81.8586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8114, 41.0211, 38.3254** is the 20% darker color. If you saturate the color by 10%, you get **62.5265, 73.1682, 59.5433**, and if you desaturate by 10%, it is **77.3333, 80.1261, 90.7486**.

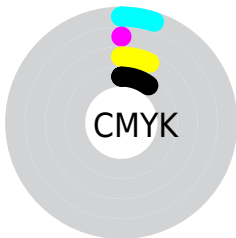
# Distribution



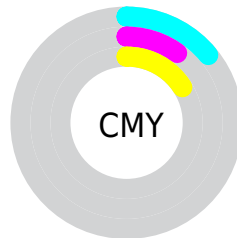
- Red (86%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5205, 76.4578, 74.0445 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 69.5205, 76.4578, 74.0445 by changing the saturation by 10% instead.



69.5205, 76.4578,  
74.0445

69.5205, 76.4578,  
74.0445

448.1573,  
482.9134, 493.7945

51.4139, 56.8080,  
54.3335

117.5547,  
128.3738, 126.6935

36.7605, 40.8511,  
38.4733

148.2130,  
161.4088, 160.4686

25.1949, 28.2028,  
26.0456

183.7860,  
199.6743, 199.7687

16.3519, 18.4786,  
16.6317

224.6389,  
243.5547, 245.0124

9.8659, 11.2941,  
9.8131

271.1371,  
293.4345, 296.6183

5.3717, 6.2650,  
5.1712

323.6460,

2.5040, 3.0069,

349.6979, 355.0050

2.2876

382.5310,  
412.7294, 420.5908

■ 0.8973, 1.1353,  
0.7242

■ 0.0000, 0.0079,  
0.0000

■ 69.5205, 76.4578,  
74.0445

■ 69.5205, 76.4578,  
74.0445

■ 62.5265, 73.1682,  
59.5433

■ 77.3333, 80.1261,  
90.7486

■ 56.3172, 70.2351,  
47.1480

■ 85.3337, 83.9143,  
106.3073

■ 50.8653, 67.6488,  
36.7622

■ 87.5883, 85.0766,  
106.4128

■ 46.1394, 65.3953,  
28.2798

■ 42.1055, 63.4598,  
21.5848

■ 38.7271, 61.8261,  
16.5488

■ 35.9630, 60.4763,  
13.0262

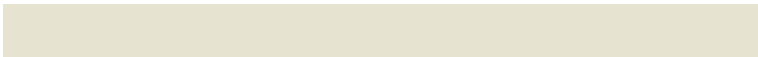
■ 33.7670, 59.3902,  
10.8460

■ 32.0809, 58.5428,  
9.7813

# Harmonies

## Analogous

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



71.5779, 76.4578, 71.0376



69.5205, 76.4578, 74.0445



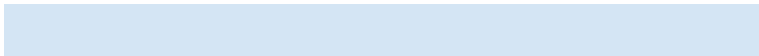
68.3217, 76.4578, 79.5972

# Triad

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



69.5205, 76.4578, 74.0445



71.3841, 76.4578, 96.6203



77.2554, 76.4578, 80.1431

# Complementary

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



69.5205, 76.4578, 74.0445



68.8206, 69.1510, 84.5871

# 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.



77.2008, 76.4578, 87.0120



69.5205, 76.4578, 74.0445



73.7748, 76.4578, 96.7865

# Square

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



69.5205, 76.4578, 74.0445



69.3813, 76.4578, 92.7453



75.9150, 76.4578, 93.1875



76.0628, 76.4578, 74.4251



# Rectangle

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



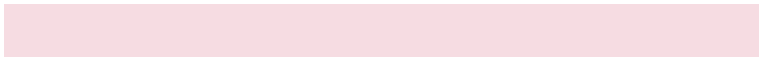
69.5205, 76.4578, 74.0445



68.1539, 76.4578, 84.1170



75.9150, 76.4578, 93.1875



77.3831, 76.4578, 82.3881

# Sweetspot

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



69.5226, 76.4611, 74.0462



93.0358, 99.0552, 104.5764



71.2394, 74.8162, 73.6382



19.9346, 21.2118, 22.4289



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.



69.5226, 76.4611, 74.0462



86.3180, 95.9002, 90.3423



68.0397, 75.6631, 75.4896



14.6667, 16.3352, 15.2845



18.0689, 33.0963, 5.4359



1.4332, 2.4962, 0.4063



# Inverse Universe

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



68.8206, 69.1510, 84.5871



85.2440, 84.7177, 106.4671



70.3968, 70.0002, 83.0095



14.4758, 14.3475, 18.1507



15.2246, 6.9144, 42.9154

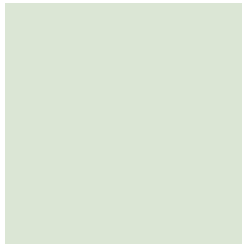


1.2249, 0.5624, 3.1760



# Previews

## White Background



This preview shows how the XYZ color 69.5205, 76.4578, 74.0445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

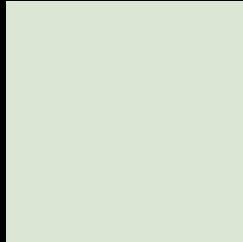
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.5205, 76.4578, 74.0445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

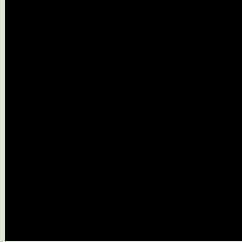
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

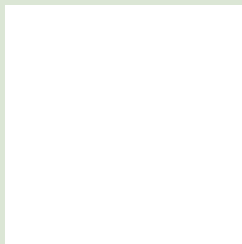
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 69.5205, 76.4578, 74.0445**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.5205, 76.4578, 74.0445.



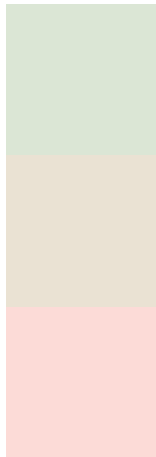
This preview shows how white text looks on a background with the XYZ color 69.5205, 76.4578,



# 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

69.5205, 76.4578, 74.0445

### Protanopia

72.8859, 76.5883, 72.5695

### Deuteranopia

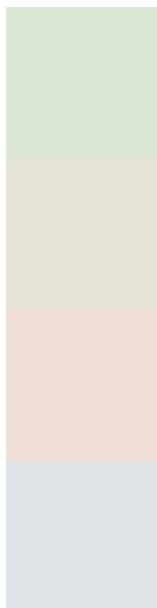
77.7421, 76.2648, 74.9131



## Tritanopia

74.1145, 76.7111, 95.6945

# Trichromacy



## Original Color

69.5205, 76.4578, 74.0445

## Protanomaly

71.6658, 76.3496, 73.2471

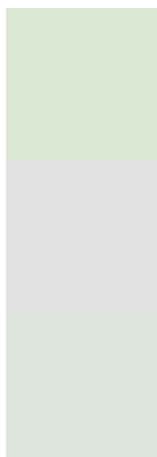
## Deuteranomaly

74.4605, 76.1557, 74.3934

## Tritanomaly

72.1588, 76.2940, 87.2670

# Monochromacy



## Original Color

69.5205, 76.4578, 74.0445

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

70.9517, 75.8466, 79.3069

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.5205, 76.4578, 74.0445 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(219, 230, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 230, 213)  
}
```

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(219, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 230, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 69.5205, 76.4578, 74.0445 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(219, 230, 213) }
```



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

```
.border{ border-color:rgb(219, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 230,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.5205, 76.4578, 74.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 230, 213) }
```

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

```
.background{ background-color: rgb(219,  
230, 213) }
```

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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