

# Converting Colors

XYZ(65.4152, 69.4289, 74.5761)

Have a look what the booklet for  
XYZ(65.4152, 69.4289, 74.5761)  
contains.

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# Color

**XYZ(65.3615, 69.4962,  
74.2592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7DAD7
RGB	215, 218, 215
RGB Percent	84%, 85%, 84%
CMY	0.1569, 0.1451, 0.1569
CMYK	0.01, 0.00, 0.01, 0.15
HSL	120°, 4%, 85%
HSV	120°, 1%, 85%
XYZ	65.3615, 69.4962, 74.2592
YIQ	216.7610, -0.8250, -1.5690

# Conversions

## Conversions Part 2

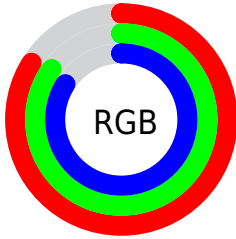
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 218, 218
Decimal	14146263
CIE Lab	86.75, -1.55, 1.11
CIE LCh	87, 1.908, 144.510
Yxy	69.4962, 0.3126, 0.3323
Android (android.graphics.Color)	4292336343 (0xFFD7DAD7)
YUV	216.7610, -0.8682, -1.5444
Hunter-Lab	83.3644, -5.9355, 5.5408

# Details

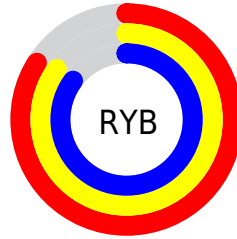
The XYZ color **65.3615, 69.4962, 74.2592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8714, 68.5701, 76.0967**, and the grayscale version is **65.7976, 69.2242, 75.3851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9396, 36.2060, 38.4574** is the 20% darker color. If you saturate the color by 10%, you get **56.7645, 65.3687, 60.1960**, and if you desaturate by 10%, it is **75.1887, 74.2188, 90.3312**.

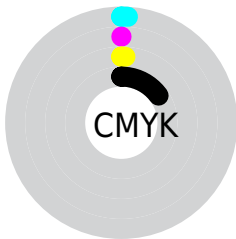
# Distribution



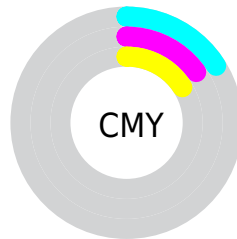
- Red (84%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3615, 69.4962, 74.2592 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 65.3615, 69.4962, 74.2592 by changing the saturation by 10% instead.



■ 65.3615, 69.4962,  
74.2592

■ 65.3615, 69.4962,  
74.2592

433.6146,  
458.7791, 494.5548

■ 48.0201, 51.1159,  
54.5081

111.6322,  
118.4900, 127.0006

■ 34.0541, 36.3009,  
38.6121

141.2923,  
149.8724, 160.8280

■ 23.0982, 24.6667,  
26.1526

175.7892,  
186.3575, 200.1847

■ 14.7872, 15.8289,  
16.7111

215.4883,  
228.3298, 245.4890

■ 8.7555, 9.4031,  
9.8689

260.7551,  
276.1738, 297.1597

■ 4.6379, 5.0051,  
5.2077

311.9548,

■ 2.0689, 2.2502,

330.2737, 355.6152

2.3088

369.4529,  
391.0140, 421.2740

■ 0.6722, 0.7472,  
0.7361

■ 0.0000, 0.0000,  
0.0000

■ 65.3615, 69.4962,  
74.2592

■ 65.3615, 69.4962,  
74.2592

■ 56.7645, 65.3687,  
60.1960

■ 75.1887, 74.2188,  
90.3312

■ 49.3438, 61.8041,  
48.0583

■ 84.3628, 78.6255,  
105.3376

■ 43.0500, 58.7809,  
37.7638

■ 37.8281, 56.2725,  
29.2223

■ 33.6182, 54.2503,  
22.3363

■ 30.3550, 52.6828,  
16.9986

■ 27.9651, 51.5348,  
13.0893

■ 26.3646, 50.7660,  
10.4712

■ 25.4533, 50.3283,  
8.9803

# Harmonies

## Analogous

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



65.7006, 69.4962, 73.4670



65.3615, 69.4962, 74.2592



65.2080, 69.4962, 75.4359

# Triad

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



65.3615, 69.4962, 74.2592



65.9724, 69.4962, 78.1291



66.8337, 69.4962, 74.6599

# Complementary

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



65.3615, 69.4962, 74.2592



65.8714, 68.5701, 76.0967

# Split Complementary

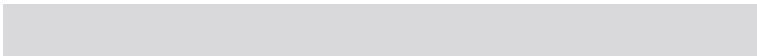
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9074, 69.4962, 75.9037



65.3615, 69.4962, 74.2592



66.4088, 69.4962, 77.9157

# Square

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



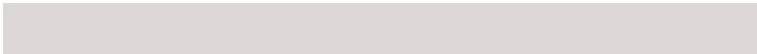
65.3615, 69.4962, 74.2592



65.5597, 69.4962, 77.6774



66.7515, 69.4962, 77.0976



66.5508, 69.4962, 73.6966



# Rectangle

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



65.3615, 69.4962, 74.2592



65.2312, 69.4962, 76.2837



66.7515, 69.4962, 77.0976



66.8838, 69.4962, 75.0587

# Sweetspot

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



65.3635, 69.4992, 74.2607

95.0500, 100.0000, 108.9000



66.2537, 69.9581, 74.3023



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

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



65.3635, 69.4992, 74.2607



92.3882, 98.7214, 104.5462



65.5574, 69.5767, 75.2819



14.3347, 15.3019, 16.2344



15.0204, 30.0408, 5.0070



0.9731, 1.9462, 0.3244



# Inverse Universe

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



65.8714, 68.5701, 76.0967



93.4445, 96.7891, 108.3646



65.6757, 68.4918, 75.0662



14.4879, 15.0217, 16.7880



24.9030, 11.9622, 40.7305

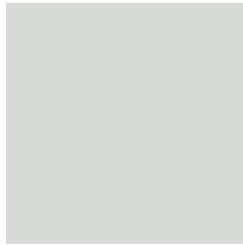


1.6133, 0.7750, 2.6388



# Previews

## White Background



This preview shows how the XYZ color 65.3615, 69.4962, 74.2592 looks on a white background.

## Color Contrast Check

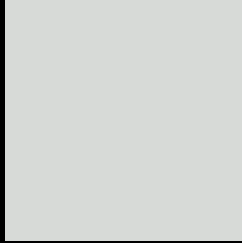
Large Text (above 18pt) WCAG AA × Fail

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 65.3615, 69.4962, 74.2592 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

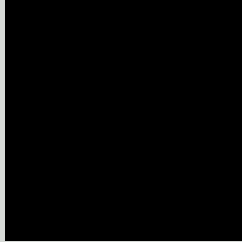
Any Text WCAG AAA ✓ Pass

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

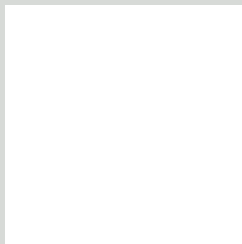


# XYZ 65.3615, 69.4962, 74.2592

## Background



This preview shows how black text looks on a background with the XYZ color 65.3615, 69.4962, 74.2592.



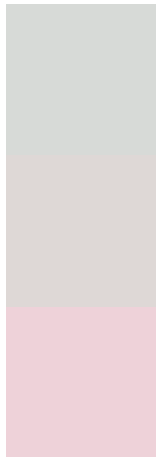
This preview shows how white text looks on a background with the XYZ color 65.3615, 69.4962,



# 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

65.3615, 69.4962, 74.2592

### Protanopia

66.8177, 69.4964, 73.5108

### Deuteranopia

70.8309, 69.2801, 75.2848



## Tritanopia

67.7794, 69.3325, 86.1541

# Trichromacy



## Original Color

65.3615, 69.4962, 74.2592

## Protanomaly

66.1639, 69.5408, 73.5538

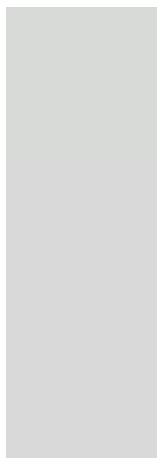
## Deuteranomaly

68.8220, 69.3694, 74.7281

## Tritanomaly

66.8986, 69.3544, 81.8123

# Monochromacy



## Original Color

65.3615, 69.4962, 74.2592

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

65.5264, 69.1825, 74.8657

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.3615, 69.4962, 74.2592 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(215, 218, 215) looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 215)  
}
```

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(215, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 65.3615, 69.4962, 74.2592 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(215, 218, 215) }
```

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

```
.border{ border-color:rgb(215, 218, 215) }
```

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

Here you see how a box with a 4 pixel rgb(215, 218, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
215) }
```



# Background

The CSS property to change the background color of an element to XYZ 65.3615, 69.4962, 74.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 215) }
```

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

```
.background{ background-color: rgb(215,  
218, 215) }
```

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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