

# Converting Colors

XYZ(61.3472, 61.5849, 74.4821)

Have a look what the booklet for  
XYZ(61.3472, 61.5849, 74.4821)  
contains.

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# Color

**XYZ(61.3765, 61.5470,  
74.2905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6CAD9
RGB	214, 202, 217
RGB Percent	84%, 79%, 85%
CMY	0.1608, 0.2078, 0.1490
CMYK	0.01, 0.07, 0.00, 0.15
HSL	288°, 16%, 82%
HSV	288°, 7%, 85%
XYZ	61.3765, 61.5470, 74.2905
YIQ	207.2980, 2.3370, 7.2090

# Conversions

## Conversions Part 2

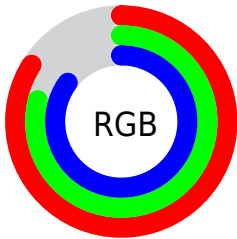
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 202, 217
Decimal	14076633
CIE <sub>Lab</sub>	82.67, 6.86, -5.95
CIE <sub>LCh</sub>	83, 9.081, 319.091
Yxy	61.5470, 0.3112, 0.3121
Android (android.graphics.Color)	4292266713 (0xFFD6CAD9)
YUV	207.2980, 4.7831, 5.8777
Hunter-Lab	78.4519, 2.3579, -1.2287

# Details

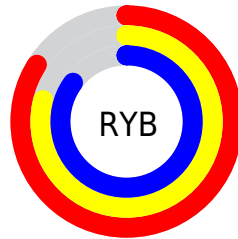
The XYZ color **61.3765, 61.5470, 74.2905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6527, 66.8707, 65.5909**, and the grayscale version is **59.4709, 62.5680, 68.1366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4096, 31.1594, 38.5413** is the 20% darker color. If you saturate the color by 10%, you get **55.3893, 51.4275, 72.6537**, and if you desaturate by 10%, it is **68.1170, 73.1211, 76.1702**.

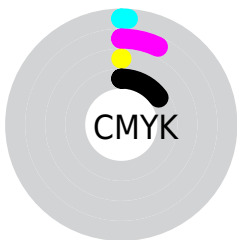
# Distribution



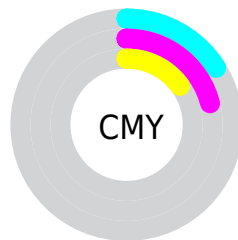
- Red (84%)
- Green (79%)
- Blue (85%)



- Red (84%)
- Yellow (79%)
- Blue (85%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (21%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3765, 61.5470, 74.2905 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 61.3765, 61.5470, 74.2905 by changing the saturation by 10% instead.



■ 61.3765, 61.5470,  
74.2905

■ 61.3765, 61.5470,  
74.2905

419.4070,  
430.2768, 494.6656

■ 44.7828, 44.6668,  
54.5336

105.9189,  
107.0706, 127.0454

■ 31.4869, 31.1950,  
38.6324

134.5983,  
136.4827, 160.8804

■ 21.1235, 20.7474,  
26.1682

168.0370,  
170.8408, 200.2453

■ 13.3273, 12.9395,  
16.7226

206.6003,  
210.5295, 245.5585

■ 7.7329, 7.3869,  
9.8771

250.6536,  
255.9330, 297.2386

■ 3.9749, 3.7052,  
5.2130

300.5623,

■ 1.6879, 1.5101,

307.4358, 355.7041

2.3118

356.6916,  
365.4223, 421.3736

■ 0.4487, 0.2958,  
0.7378

■ 0.0000, 0.0000,  
0.0000

■ 61.3765, 61.5470,  
74.2905

■ 61.3765, 61.5470,  
74.2905

■ 55.3893, 51.4275,  
72.6537

■ 68.1170, 73.1211,  
76.1702

■ 50.1200, 42.6951,  
71.2459

■ 75.6336, 86.1979,  
78.2981

■ 45.5384, 35.2887,  
70.0578

■ 79.9707, 92.8646,  
79.3563

■ 41.6100, 29.1395,  
69.0780

■ 81.3575, 93.5795,  
79.4212

38.2969, 24.1727,  
68.2939

82.7790, 94.3124,  
79.4877

35.5576, 20.3051,  
67.6917

84.2356, 95.0632,  
79.5559

33.3448, 17.4429,  
67.2559

85.7274, 95.8323,  
79.6257

31.6034, 15.4761,  
66.9681

87.2547, 96.6197,  
79.6972

30.2617, 14.2617,  
66.8044

88.8178, 97.4255,  
79.7704

# Harmonies

## Analogous

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



59.7328, 61.5470, 77.6759



61.3765, 61.5470, 74.2905



62.2558, 61.5470, 69.0657

# Triad

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



61.3765, 61.5470, 74.2905



59.2106, 61.5470, 57.0191



55.0284, 61.5470, 70.5859

# Complementary

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



61.3765, 61.5470, 74.2905



60.6527, 66.8707, 65.5909

# 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.



54.8957, 61.5470, 65.0037



61.3765, 61.5470, 74.2905



57.2815, 61.5470, 57.3757

# Square

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



61.3765, 61.5470, 74.2905



60.9869, 61.5470, 59.2264



55.7121, 61.5470, 60.2293



56.0788, 61.5470, 75.4564



# Rectangle

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



61.3765, 61.5470, 74.2905



62.2773, 61.5470, 65.3328



55.7121, 61.5470, 60.2293



54.8759, 61.5470, 68.7243

# Sweetspot

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



61.3783, 61.5496, 74.2918



93.0702, 96.5961, 108.3473



58.7753, 61.3515, 74.3908



19.9416, 20.7112, 23.1966



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.



61.3783, 61.5496, 74.2918



87.3985, 86.9021, 106.7751



61.7162, 61.7869, 71.4594



13.3460, 13.1365, 16.4843



18.1813, 8.4970, 40.4202



1.2441, 0.5846, 2.6217



# Inverse Universe

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



60.7574, 61.4034, 66.4105



86.3668, 86.6610, 93.5895



60.3432, 66.6523, 68.2392



13.1620, 13.0939, 14.1144



17.6209, 9.0494, 2.3838

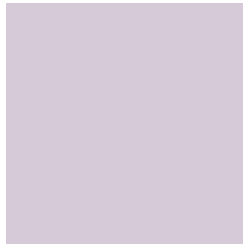


1.1725, 0.5986, 0.3174



# Previews

## White Background



This preview shows how the XYZ color 61.3765, 61.5470, 74.2905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

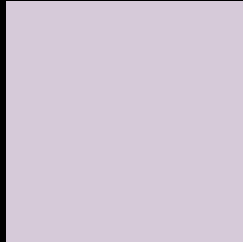
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.3765, 61.5470, 74.2905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

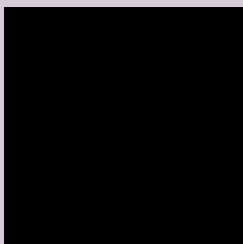
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

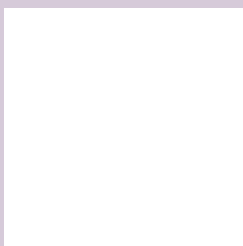
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.3765, 61.5470, 74.2905

## Background



This preview shows how black text looks on a background with the XYZ color 61.3765, 61.5470, 74.2905.



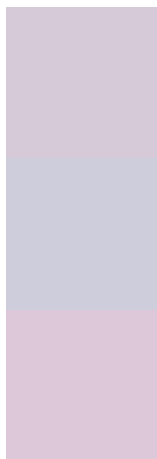
This preview shows how white text looks on a background with the XYZ color 61.3765, 61.5470,



# 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

61.3765, 61.5470, 74.2905

### Protanopia

60.0711, 61.8989, 75.7994

### Deuteranopia

62.6939, 61.5340, 74.2186



## Tritanopia

61.5070, 61.5992, 74.9777

# Trichromacy



## Original Color

61.3765, 61.5470, 74.2905

## Protanomaly

60.5422, 61.8030, 75.0679

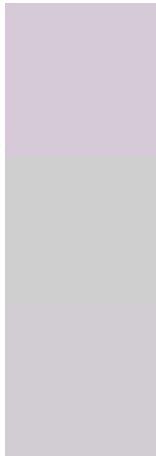
## Deuteranomaly

62.3245, 61.6885, 74.2679

## Tritanomaly

61.5070, 61.5992, 74.9777

# Monochromacy



## Original Color

61.3765, 61.5470, 74.2905

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

60.1675, 62.0674, 70.4371

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.3765, 61.5470, 74.2905 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(214, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 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(214, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 61.3765, 61.5470, 74.2905 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(214, 202, 217) }
```



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

```
.border{ border-color:rgb(214, 202, 217) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.3765, 61.5470, 74.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 217) }
```

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

```
.background{ background-color: rgb(214,  
202, 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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