

Converting Colors

XYZ(61.4897, 65.2431, 74.8276)

Have a look what the booklet for
XYZ(61.4897, 65.2431, 74.8276)
contains.

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Color

**XYZ(61.5215, 65.2185,
74.9915)**

Conversions

Conversions Part 1

Format	Color
Hex	CED4D9
RGB	206, 212, 217
RGB Percent	81%, 83%, 85%
CMY	0.1921, 0.1686, 0.1490
CMYK	0.05, 0.02, 0.00, 0.15
HSL	207°, 13%, 83%
HSV	207°, 5%, 85%
XYZ	61.5215, 65.2185, 74.9915
YIQ	210.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

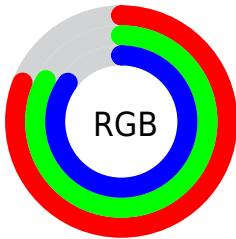
Format	Color
R_{YB}	206, 210, 217
Decimal	13554905
CIE Lab	84.60, -1.09, -3.18
CIE LCh	85, 3.363, 251.071
Yxy	65.2185, 0.3050, 0.3233
Android (android.graphics.Color)	4291744985 (0xFFCED4D9)
YUV	210.7760, 3.0684, -4.1886
Hunter-Lab	80.7580, -5.3450, 1.4741

Details

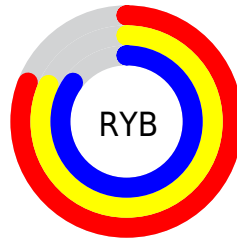
The XYZ color **61.5215, 65.2185, 74.9915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0504, 65.7960, 67.7705**, and the grayscale version is **61.7535, 64.9695, 70.7518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5275, 33.3980, 38.9672** is the 20% darker color. If you saturate the color by 10%, you get **53.5192, 57.5477, 73.9337**, and if you desaturate by 10%, it is **70.5097, 73.6245, 76.1413**.

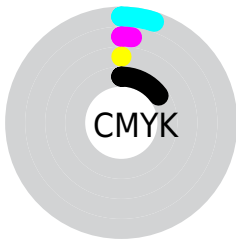
Distribution



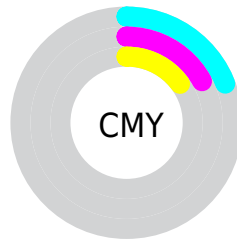
- Red (81%)
- Green (83%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5215, 65.2185, 74.9915 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 61.5215, 65.2185, 74.9915 by changing the saturation by 10% instead.

■ 61.5215, 65.2185,
74.9915

■ 61.5215, 65.2185,
74.9915

419.9290,
443.5767, 497.1430

■ 44.9003, 47.6383,
55.1042

106.1275,
112.3639, 128.0473

■ 31.5799, 33.5405,
39.0860

134.8430,
142.6979, 162.0530

■ 21.1948, 22.5408,
26.5183

168.3207,
178.0520, 201.6018

■ 13.3797, 14.2548,
16.9826

206.9259,
218.8105, 247.1124

■ 7.7693, 8.2981,
10.0602

251.0240,
265.3578, 299.0033

■ 3.9983, 4.2863,
5.3328

300.9803,

■ 1.7012, 1.8350,

318.0784, 357.6930

2.3817

357.1602,
377.3565, 423.6000

■ 0.4570, 0.5088,
0.7764

■ 0.0000, 0.0000,
0.0000

■ 61.5215, 65.2185,
74.9915

■ 61.5215, 65.2185,
74.9915

■ 53.5192, 57.5477,
73.9337

■ 70.5097, 73.6245,
76.1413

■ 46.4607, 50.5811,
72.9610

■ 80.5128, 82.7791,
77.3811

■ 40.3090, 44.2972,
72.0723

■ 85.3910, 89.5227,
78.4256

■ 35.0222, 38.6704,
71.2649

■ 88.3977, 95.5361,
79.4278

■ 30.5550, 33.6730,
70.5357

■ 89.5246, 97.7898,
79.8035

■ 26.8576, 29.2748,
69.8817

■ 23.8741, 25.4426,
69.2992

■ 21.5402, 22.1382,
68.7844

■ 19.7773, 19.3163,
68.3326

Harmonies

Analogous

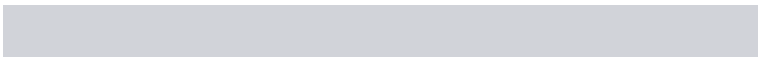
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.9072, 65.2185, 73.7606



61.5215, 65.2185, 74.9915



62.2656, 65.2185, 75.1435

Triad

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



61.5215, 65.2185, 74.9915



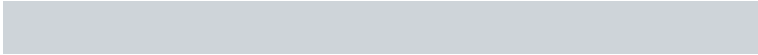
63.4146, 65.2185, 70.2216



61.0454, 65.2185, 67.9429

Complementary

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



61.5215, 65.2185, 74.9915



63.0504, 65.7960, 67.7705

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.



61.7117, 65.2185, 67.0345



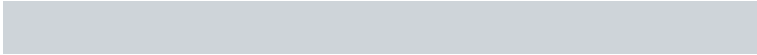
61.5215, 65.2185, 74.9915



63.0820, 65.2185, 68.3323

Square

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



61.5215, 65.2185, 74.9915



63.3627, 65.2185, 72.3603



62.4573, 65.2185, 67.1756



60.6338, 65.2185, 69.6802

Rectangle

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



61.5215, 65.2185, 74.9915



62.7356, 65.2185, 74.6092



62.4573, 65.2185, 67.1756



61.2468, 65.2185, 67.5321

Sweetspot

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



61.5234, 65.2213, 74.9929



92.4639, 97.5763, 108.5685



62.0192, 67.4492, 71.3465



19.8182, 20.9108, 23.2416



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.



61.5234, 65.2213, 74.9929



87.4661, 92.8583, 107.9212



60.1831, 62.5407, 74.5462



13.4429, 14.2832, 16.7006



11.6407, 11.1508, 41.2772



0.8399, 0.8939, 2.7027

Inverse Universe

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



62.5717, 63.6492, 71.2782



89.2629, 90.1841, 101.5501



64.4282, 68.5516, 68.2298



13.7458, 13.8343, 15.6261



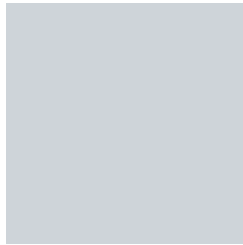
19.3710, 9.7494, 11.5997



1.2982, 0.6489, 0.9793

Previews

White Background



This preview shows how the XYZ color 61.5215, 65.2185, 74.9915 looks on a white background.

Color Contrast Check

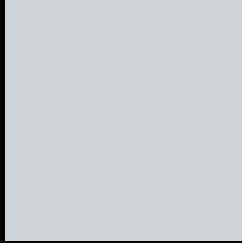
Large Text (above 18pt) WCAG AA × Fail

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 61.5215, 65.2185, 74.9915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

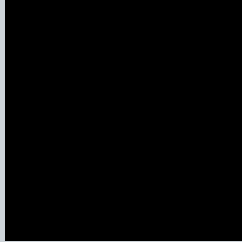
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

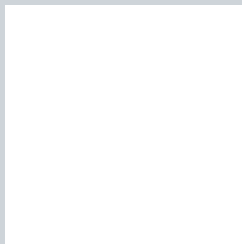
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5215, 65.2185, 74.9915

Background



This preview shows how black text looks on a background with the XYZ color 61.5215, 65.2185, 74.9915.

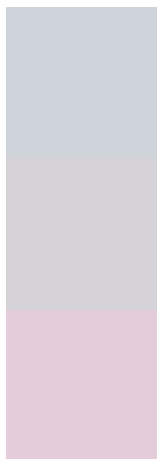


This preview shows how white text looks on a background with the XYZ color 61.5215, 65.2185,

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

61.5215, 65.2185, 74.9915

Protanopia

62.8818, 65.1972, 74.2358

Deuteranopia

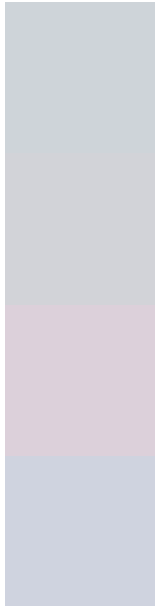
66.4811, 65.2186, 75.4142



Tritanopia

62.9241, 65.0491, 81.9123

Trichromacy



Original Color

61.5215, 65.2185, 74.9915

Protanomaly

62.2673, 65.2480, 74.2780

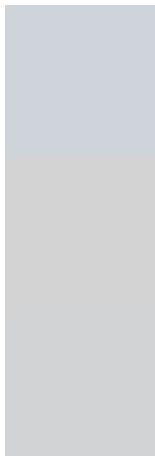
Deuteranomaly

64.7260, 65.3893, 75.5396

Tritanomaly

62.3457, 65.1816, 79.1074

Monochromacy



Original Color

61.5215, 65.2185, 74.9915

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5990, 64.9479, 72.2404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5215, 65.2185, 74.9915 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(206, 212, 217) looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 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(206, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.5215, 65.2185, 74.9915 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(206, 212, 217) }
```


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

```
.border{ border-color:rgb(206, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5215, 65.2185, 74.9915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 217) }
```

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

```
.background{ background-color: rgb(206,  
212, 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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