

Converting Colors

XYZ(61.2209, 64.3659, 75.6652)

Have a look what the booklet for
XYZ(61.2209, 64.3659, 75.6652)
contains.

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Color

**XYZ(61.1551, 64.2770,
75.5131)**

Conversions

Conversions Part 1

Format	Color
Hex	CED2DA
RGB	206, 210, 218
RGB Percent	81%, 82%, 85%
CMY	0.1922, 0.1765, 0.1451
CMYK	0.06, 0.04, 0.00, 0.15
HSL	220°, 14%, 83%
HSV	220°, 6%, 85%
XYZ	61.1551, 64.2770, 75.5131
YIQ	209.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

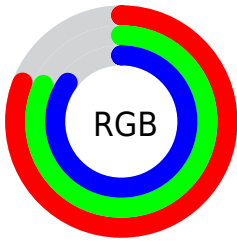
Format	Color
R _Y B	206, 209, 218
Decimal	13554394
CIE Lab	84.11, 0.15, -4.43
CIE LCh	84, 4.431, 271.879
Yxy	64.2770, 0.3043, 0.3199
Android (android.graphics.Color)	4291744474 (0xFFCED2DA)
YUV	209.7160, 4.0840, -3.2589
Hunter-Lab	80.1729, -4.1447, 0.2771

Details

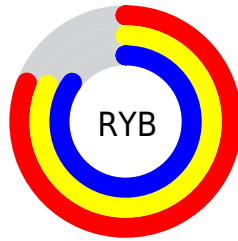
The XYZ color **61.1551, 64.2770, 75.5131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1007, 67.4541, 68.0351**, and the grayscale version is **61.0504, 64.2297, 69.9462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4482, 33.0967, 39.3811** is the 20% darker color. If you saturate the color by 10%, you get **52.0929, 54.5220, 74.1088**, and if you desaturate by 10%, it is **71.3860, 75.1214, 77.0680**.

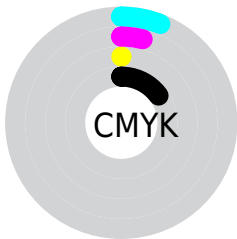
Distribution



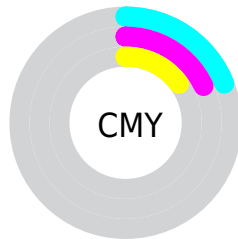
- Red (81%)
- Green (82%)
- Blue (85%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1551, 64.2770, 75.5131 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 61.1551, 64.2770, 75.5131 by changing the saturation by 10% instead.

■ 61.1551, 64.2770,
75.5131

■ 61.1551, 64.2770,
75.5131

418.6093,
440.1893, 498.9817

■ 44.6034, 46.8751,
55.5291

105.6003,
111.0098, 128.7922

■ 31.3451, 32.9369,
39.4240

134.2245,
141.1094, 162.9243

■ 21.0149, 22.0781,
26.7794

167.6036,
176.2104, 202.6096

■ 13.2474, 13.9143,
17.1766

206.1029,
216.6971, 248.2665

■ 7.6773, 8.0611,
10.1972

250.0877,
262.9539, 300.3137

■ 3.9392, 4.1341,
5.4226

299.9235,

■ 1.6678, 1.7488,

315.3653, 359.1696

2.4342

355.9756,
374.3156, 425.2527

■ 0.4360, 0.4550,
0.8050

■ 0.0000, 0.0000,
0.0000

■ 61.1551, 64.2770,
75.5131

■ 61.1551, 64.2770,
75.5131

■ 52.0929, 54.5220,
74.1088

■ 71.3860, 75.1214,
77.0680

■ 44.1509, 45.8132,
72.8464

■ 82.8208, 87.0804,
78.7737

■ 37.2852, 38.1165,
71.7227

■ 89.2058, 96.9435,
80.3409

■ 31.4469, 31.3927,
70.7326

■ 89.6551, 97.8420,
80.4907

■ 26.5831, 25.5999,
69.8708

■ 22.6358, 20.6927,
69.1317

■ 19.5402, 16.6214,
68.5090

■ 17.2222, 13.3304,
67.9959

■ 15.5925, 10.7548,
67.5847

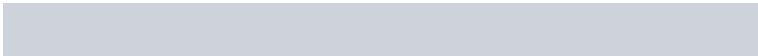
Harmonies

Analogous

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



60.2106, 64.2770, 74.8488



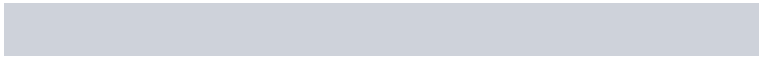
61.1551, 64.2770, 75.5131



62.0927, 64.2770, 74.6641

Triad

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



61.1551, 64.2770, 75.5131



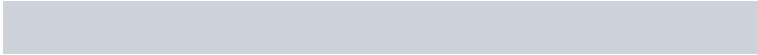
62.7054, 64.2770, 67.1786



59.4485, 64.2770, 67.4769

Complementary

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



61.1551, 64.2770, 75.5131



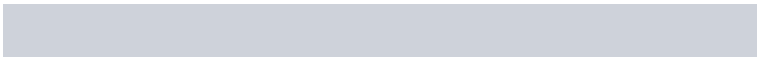
64.1007, 67.4541, 68.0351

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.



60.1048, 64.2770, 65.5089



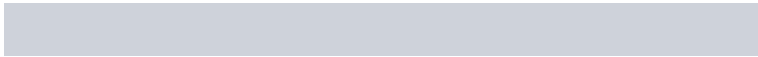
61.1551, 64.2770, 75.5131



61.9847, 64.2770, 65.3399

Square

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



61.1551, 64.2770, 75.5131



62.9937, 64.2770, 69.8101



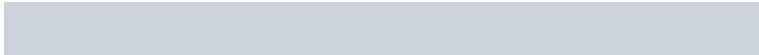
61.0317, 64.2770, 64.7368



59.2316, 64.2770, 70.1636

Rectangle

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



61.1551, 64.2770, 75.5131



62.5859, 64.2770, 73.3670



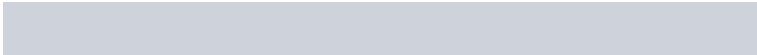
61.0317, 64.2770, 64.7368



59.6247, 64.2770, 66.7119

Sweetspot

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



61.1570, 64.2797, 75.5145



92.1239, 96.8963, 108.4551



62.6381, 68.1105, 73.3307



19.7490, 20.7724, 23.2185



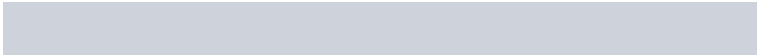
0.0000, 0.0000, 0.0000



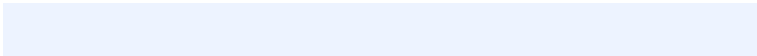
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1570, 64.2797, 75.5145



85.1072, 89.4145, 107.3808



60.6835, 62.5866, 75.2127



13.0793, 13.7392, 16.6147



9.0871, 6.0436, 40.4260



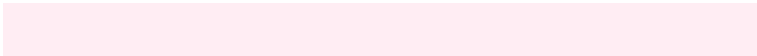
0.6665, 0.5470, 2.6449

Inverse Universe

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



62.6190, 63.7024, 69.9715



87.7612, 88.3927, 97.3132



64.5910, 69.2295, 68.3519



13.5176, 13.5718, 14.9519



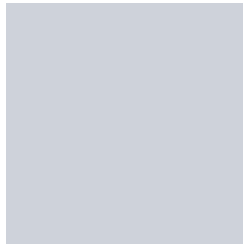
18.0821, 9.2339, 4.8122



1.2107, 0.6139, 0.5184

Previews

White Background



This preview shows how the XYZ color 61.1551, 64.2770, 75.5131 looks on a white background.

Color Contrast Check

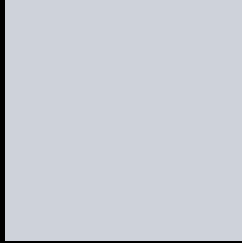
Large Text (above 18pt) WCAG AA × Fail

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 61.1551, 64.2770, 75.5131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

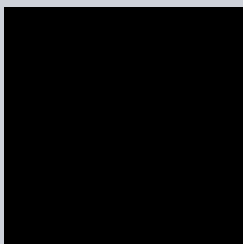
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

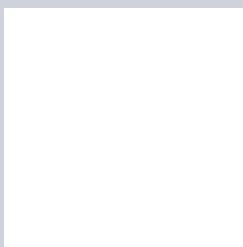
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1551, 64.2770, 75.5131

Background



This preview shows how black text looks on a background with the XYZ color 61.1551, 64.2770, 75.5131.

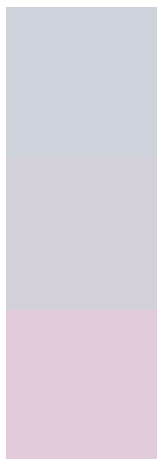


This preview shows how white text looks on a background with the XYZ color 61.1551, 64.2770,

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

61.1551, 64.2770, 75.5131

Protanopia

61.9442, 63.9704, 74.7283

Deuteranopia

65.5061, 63.9951, 75.9176



Tritanopia

62.1232, 64.3026, 80.3716

Trichromacy



Original Color

61.1551, 64.2770, 75.5131

Protanomaly

61.6193, 64.1660, 74.7832

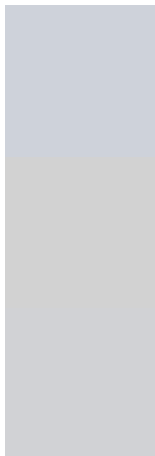
Deuteranomaly

64.0709, 64.3172, 76.0554

Tritanomaly

61.7174, 64.1403, 78.2347

Monochromacy



Original Color

61.1551, 64.2770, 75.5131

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3513, 64.4526, 72.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1551, 64.2770, 75.5131 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, 210, 218) looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 218)  
}
```

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, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.1551, 64.2770, 75.5131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

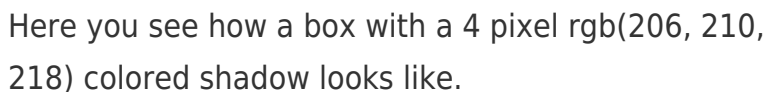
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 210, 218) }
```


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

```
.border{ border-color:rgb(206, 210, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1551, 64.2770, 75.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 218) }
```

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

```
.background{ background-color: rgb(206,  
210, 218) }
```

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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