

Converting Colors

XYZ(61.1612, 65.8114, 79.7149)

Have a look what the booklet for
XYZ(61.1612, 65.8114, 79.7149)
contains.

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Color

**XYZ(61.0543, 65.6171,
79.9685)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6E0
RGB	199, 214, 224
RGB Percent	78%, 84%, 88%
CMY	0.2196, 0.1608, 0.1216
CMYK	0.11, 0.04, 0.00, 0.12
HSL	204°, 29%, 83%
HSV	204°, 11%, 88%
XYZ	61.0543, 65.6171, 79.9685
YIQ	210.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

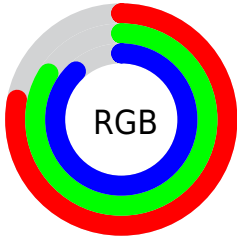
Format	Color
R _Y B	199, 208, 224
Decimal	13096672
CIE Lab	84.80, -3.07, -6.65
CIE LCh	85, 7.327, 245.227
Yxy	65.6171, 0.2955, 0.3175
Android (android.graphics.Color)	4291286752 (0xFFC7D6E0)
YUV	210.6550, 6.5791, -10.2214
Hunter-Lab	81.0044, -7.2194, -1.8287

Details

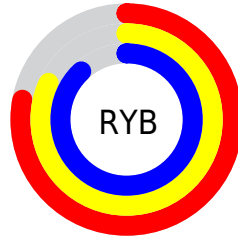
The XYZ color **61.0543, 65.6171, 79.9685** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8500, 65.5713, 63.3252**, and the grayscale version is **61.6546, 64.8655, 70.6385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2366, 33.6806, 42.3908** is the 20% darker color. If you saturate the color by 10%, you get **53.3383, 58.3677, 78.9769**, and if you desaturate by 10%, it is **69.7736, 73.5723, 81.0455**.

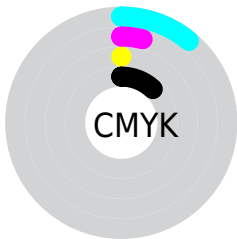
Distribution



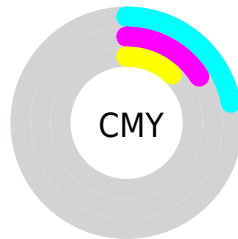
- Red (78%)
- Green (84%)
- Blue (88%)



- Red (78%)
- Yellow (82%)
- Blue (88%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0543, 65.6171, 79.9685 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 61.0543, 65.6171, 79.9685 by changing the saturation by 10% instead.

■ 61.0543, 65.6171,
79.9685

■ 61.0543, 65.6171,
79.9685

418.2458,
445.0063, 514.5306

■ 44.5217, 47.9616,
59.1664

105.4552,
112.9366, 135.1324

■ 31.2805, 33.7965,
42.3262

134.0543,
143.3694, 170.3314

■ 20.9654, 22.7373,
29.0293

167.4061,
178.8301, 211.1664

■ 13.2110, 14.3997,
18.8572

205.8762,
219.7032, 258.0559

■ 7.6520, 8.3992,
11.3914

249.8299,
266.3729, 311.4186

■ 3.9230, 4.3514,
6.2133

299.6325,

■ 1.6587, 1.8720,

319.2237, 371.6729

2.9043

355.6493,
378.6401, 439.2374

■ 0.4302, 0.5315,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 61.0543, 65.6171,
79.9685

■ 61.0543, 65.6171,
79.9685

■ 53.3383, 58.3677,
78.9769

■ 69.7736, 73.5723,
81.0455

■ 46.5799, 51.7924,
78.0640

■ 79.5282, 82.2474,
82.2058

■ 40.7380, 45.8687,
77.2285

■ 86.1135, 89.4793,
83.2546

■ 35.7664, 40.5695,
76.4677

■ 88.8287, 94.9097,
84.1597

■ 31.6141, 35.8656,
75.7786

■ 90.4547, 98.1619,
84.7017

■ 28.2246, 31.7246,
75.1579

■ 25.5335, 28.1098,
74.6020

■ 23.4640, 24.9781,
74.1066

■ 22.0393, 22.5511,
73.7133

Harmonies

Analogous

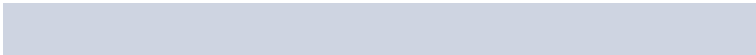
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8251, 65.6171, 76.7858



61.0543, 65.6171, 79.9685



62.6549, 65.6171, 80.8275

Triad

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



61.0543, 65.6171, 79.9685



65.5622, 65.6171, 70.6259



60.5648, 65.6171, 64.3157

Complementary

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



61.0543, 65.6171, 79.9685



63.8500, 65.5713, 63.3252

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.



62.0801, 65.6171, 62.8198



61.0543, 65.6171, 79.9685



64.9801, 65.6171, 66.3594

Square

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



61.0543, 65.6171, 79.9685



65.2760, 65.6171, 75.2996



63.6986, 65.6171, 63.5514



59.5459, 65.6171, 67.7260

Rectangle

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



61.0543, 65.6171, 79.9685



63.7215, 65.6171, 79.9359



63.6986, 65.6171, 63.5514



61.0320, 65.6171, 63.5793

Sweetspot

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



61.0562, 65.6198, 79.9700



91.3232, 96.6416, 108.4482



61.6670, 70.0374, 70.3210



19.3383, 20.4964, 23.1869



0.0000, 0.0000, 0.0000



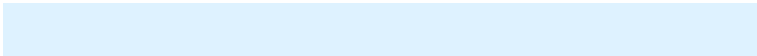
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0562, 65.6198, 79.9700



79.8043, 86.0780, 107.0163



58.1098, 59.7271, 78.9878



13.6328, 14.6046, 17.4881



12.9437, 13.3569, 42.9443



0.9841, 1.0996, 3.0056

Inverse Universe

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



63.3030, 61.5505, 72.1656



83.3101, 79.8184, 94.8187



66.9288, 71.7289, 64.3515



14.0509, 13.8380, 16.0380



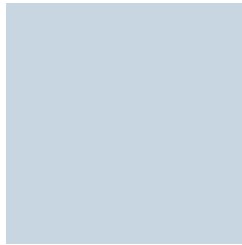
20.4736, 10.2564, 14.4255



1.4630, 0.7285, 1.2308

Previews

White Background



This preview shows how the XYZ color 61.0543, 65.6171, 79.9685 looks on a white background.

Color Contrast Check

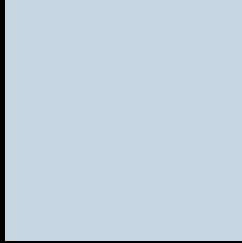
Large Text (above 18pt) WCAG AA × Fail

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 61.0543, 65.6171, 79.9685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

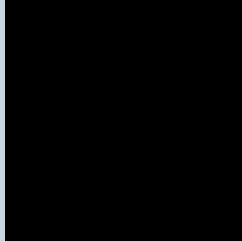
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

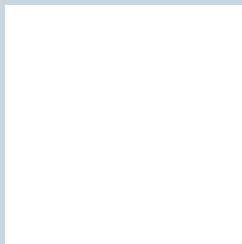
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0543, 65.6171, 79.9685

Background



This preview shows how black text looks on a background with the XYZ color 61.0543, 65.6171, 79.9685.

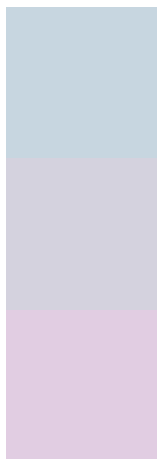


This preview shows how white text looks on a background with the XYZ color 61.0543, 65.6171,

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

61.0543, 65.6171, 79.9685

Protanopia

63.3828, 65.3642, 78.3832

Deuteranopia

66.6101, 65.1612, 81.0181



Tritanopia

61.8966, 65.5810, 84.2590

Trichromacy



Original Color

61.0543, 65.6171, 79.9685

Protanomaly

62.3457, 65.1816, 79.1074

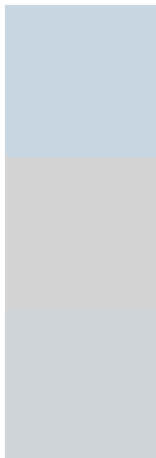
Deuteranomaly

64.4654, 65.1469, 80.4111

Tritanomaly

61.6173, 65.4693, 82.7880

Monochromacy



Original Color

61.0543, 65.6171, 79.9685

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6703, 65.3102, 74.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0543, 65.6171, 79.9685 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(199, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 224)  
}
```

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(199, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.0543, 65.6171, 79.9685 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(199, 214, 224) }
```


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

```
.border{ border-color:rgb(199, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0543, 65.6171, 79.9685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 224) }
```

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

```
.background{ background-color: rgb(199,  
214, 224) }
```

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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