

Converting Colors

XYZ(62.3396, 66.0156, 80.2624)

Have a look what the booklet for
XYZ(62.3396, 66.0156, 80.2624)
contains.

XYZ(62.1506, 65.8077, 79.9475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1506, 65.8077,
79.9475)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD5E0
RGB	204, 213, 224
RGB Percent	80%, 84%, 88%
CMY	0.2000, 0.1647, 0.1216
CMYK	0.09, 0.05, 0.00, 0.12
HSL	213°, 24%, 84%
HSV	213°, 9%, 88%
XYZ	62.1506, 65.8077, 79.9475
YIQ	211.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

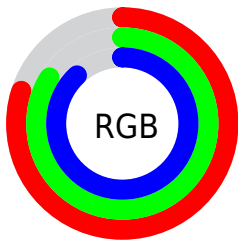
Format	Color
RYB	204, 210, 224
Decimal	13424096
CIELab	84.90, -0.92, -6.47
CIELCh	85, 6.534, 261.874
Yxy	65.8077, 0.2989, 0.3165
Android (android.graphics.Color)	4291614176 (0xFFCCD5E0)
YUV	211.5630, 6.1314, -6.6328
Hunter-Lab	81.1219, -5.2078, -1.6463

Details

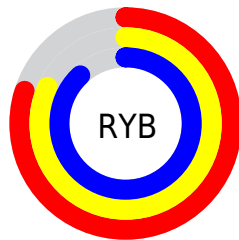
The XYZ color **62.1506, 65.8077, 79.9475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9402, 68.8072, 66.9335**, and the grayscale version is **62.2558, 65.4979, 71.3272**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9660, 33.8023, 42.3758** is the 20% darker color. If you saturate the color by 10%, you get **53.4663, 56.9068, 78.6882**, and if you desaturate by 10%, it is **71.9571, 75.6400, 81.3295**.

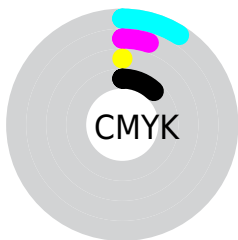
Distribution



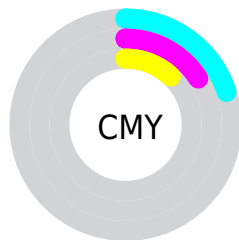
- Red (80%)
- Green (84%)
- Blue (88%)



- Red (80%)
- Yellow (82%)
- Blue (88%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1506, 65.8077, 79.9475 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 62.1506, 65.8077, 79.9475 by changing the saturation by 10% instead.

■ 62.1506, 65.8077,
79.9475

■ 62.1506, 65.8077,
79.9475

422.1890,
445.6888, 514.4580

■ 45.4105, 48.1163,
59.1492

107.0319,
113.2103, 135.1026

■ 31.9835, 33.9190,
42.3125

135.9037,
143.6903, 170.2966

■ 21.5044, 22.8314,
29.0186

169.5502,
179.2019, 211.1262

■ 13.6077, 14.4691,
18.8492

208.3366,
220.1296, 258.0100

■ 7.9282, 8.4476,
11.3857

252.6283,
266.8578, 311.3666

■ 4.1005, 4.3827,
6.2094

302.7907,

■ 1.7591, 1.8898,

319.7708, 371.6144

2.9020

359.1892,
379.2530, 439.1720

■ 0.4929, 0.5423,
1.0448

■ 0.0000, 0.0000,
0.0000

■ 62.1506, 65.8077,
79.9475

■ 62.1506, 65.8077,
79.9475

■ 53.4663, 56.9068,
78.6882

■ 71.9571, 75.6400,
81.3295

■ 45.8556, 48.8991,
77.5437

■ 82.9202, 86.4235,
82.8331

■ 39.2750, 41.7561,
76.5118

■ 88.8660, 94.9844,
84.1721

■ 33.6754, 35.4441,
75.5886

■ 90.4547, 98.1619,
84.7017

■ 29.0033, 29.9270,
74.7699

■ 25.1999, 25.1654,
74.0513

■ 22.1987, 21.1158,
73.4278

■ 19.9217, 17.7280,
72.8939

■ 18.2517, 14.9312,
72.4421

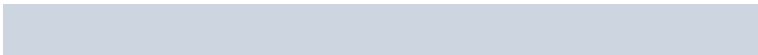
Harmonies

Analogous

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



60.8237, 65.8077, 78.1946



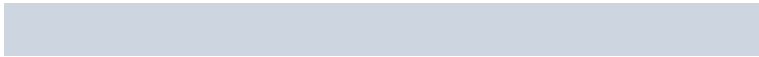
62.1506, 65.8077, 79.9475



63.6045, 65.8077, 79.4105

Triad

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



62.1506, 65.8077, 79.9475



65.2012, 65.8077, 68.6871



60.3565, 65.8077, 66.7832

Complementary

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



62.1506, 65.8077, 79.9475



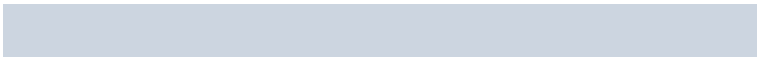
65.9402, 68.8072, 66.9335

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.



61.5037, 65.8077, 64.4186



62.1506, 65.8077, 79.9475



64.3050, 65.8077, 65.4875

Square

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



62.1506, 65.8077, 79.9475



65.3810, 65.8077, 72.8007



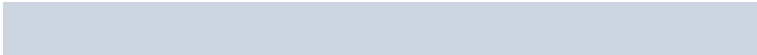
62.9476, 65.8077, 63.9537



59.7986, 65.8077, 70.5182

Rectangle

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



62.1506, 65.8077, 79.9475



64.4491, 65.8077, 77.8353



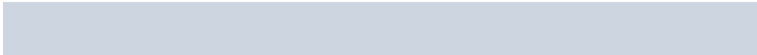
62.9476, 65.8077, 63.9537



60.6852, 65.8077, 65.8078

Sweetspot

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



62.1525, 65.8105, 79.9490



90.9641, 95.9234, 108.3285



63.7815, 71.0390, 74.4169



19.2414, 20.3026, 23.1546



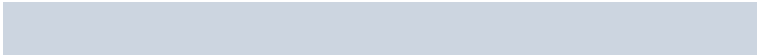
0.0000, 0.0000, 0.0000



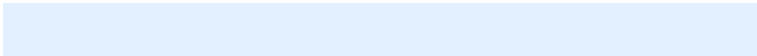
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1525, 65.8105, 79.9490



80.7486, 85.6143, 106.8770



60.1334, 61.5004, 79.2234



13.4576, 14.2543, 17.4297



10.6425, 8.7545, 42.1772



0.8261, 0.7837, 2.9530

Inverse Universe

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



64.3450, 63.8384, 71.8848



84.3608, 82.4370, 93.5748



68.0900, 73.4130, 67.7092



13.9624, 13.8026, 15.5724



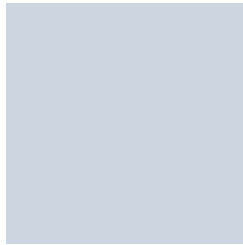
19.3120, 9.7918, 8.3089



1.3833, 0.6966, 0.8111

Previews

White Background



This preview shows how the XYZ color 62.1506, 65.8077, 79.9475 looks on a white background.

Color Contrast Check

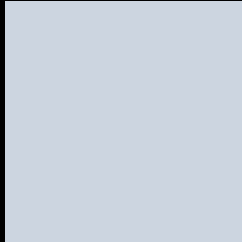
Large Text (above 18pt) WCAG AA × Fail

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 62.1506, 65.8077, 79.9475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

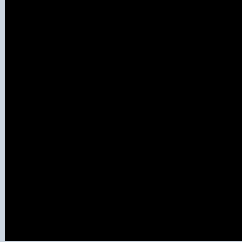
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

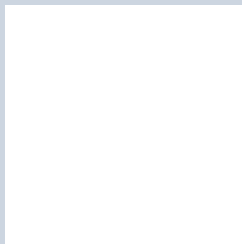
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1506, 65.8077, 79.9475

Background



This preview shows how black text looks on a background with the XYZ color 62.1506, 65.8077, 79.9475.

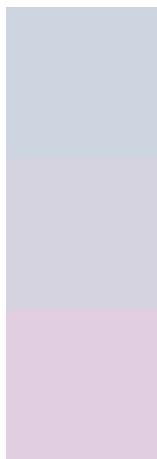


This preview shows how white text looks on a background with the XYZ color 62.1506, 65.8077,

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

62.1506, 65.8077, 79.9475

Protanopia

63.7649, 65.9133, 79.1738

Deuteranopia

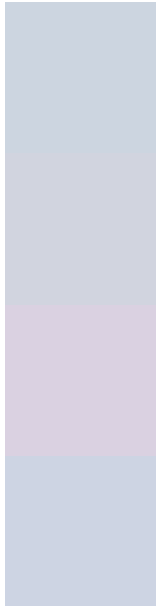
67.0259, 65.7476, 80.3921



Tritanopia

62.8632, 65.7232, 83.5014

Trichromacy



Original Color

62.1506, 65.8077, 79.9475

Protanomaly

63.1573, 65.9700, 79.2168

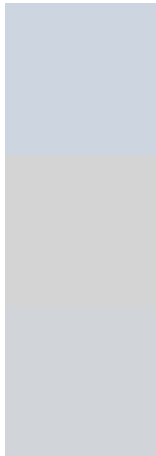
Deuteranomaly

65.3045, 65.9426, 80.5204

Tritanomaly

62.5854, 65.6122, 82.0389

Monochromacy



Original Color

62.1506, 65.8077, 79.9475

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2326, 65.6001, 74.3478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1506, 65.8077, 79.9475 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(204, 213, 224) looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 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(204, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.1506, 65.8077, 79.9475 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(204, 213, 224) }
```


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

```
.border{ border-color:rgb(204, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1506, 65.8077, 79.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 224) }
```

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

```
.background{ background-color: rgb(204,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor