

Converting Colors

XYZ(62.3033, 64.2421, 81.7244)

Have a look what the booklet for
XYZ(62.3033, 64.2421, 81.7244)
contains.

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Color

**XYZ(62.3977, 64.4124,
81.8172)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1E3
RGB	207, 209, 227
RGB Percent	81%, 82%, 89%
CMY	0.1882, 0.1804, 0.1098
CMYK	0.09, 0.08, 0.00, 0.11
HSL	234°, 26%, 85%
HSV	234°, 9%, 89%
XYZ	62.3977, 64.4124, 81.8172
YIQ	210.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

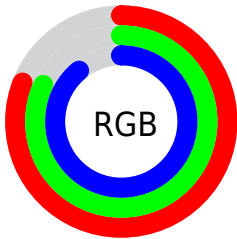
Format	Color
RYB	207, 209, 227
Decimal	13619683
CIELab	84.18, 2.75, -9.10
CIELCh	84, 9.508, 286.790
Yxy	64.4124, 0.2991, 0.3087
Android (android.graphics.Color)	4291809763 (0xFFCFD1E3)
YUV	210.4540, 8.1572, -3.0292
Hunter-Lab	80.2573, -1.6719, -4.2622

Details

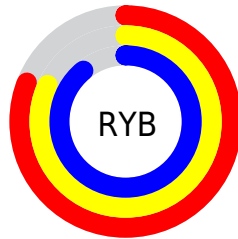
The XYZ color **62.3977, 64.4124, 81.8172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8664, 74.6857, 69.7660**, and the grayscale version is **61.5098, 64.7131, 70.4726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3046, 33.1936, 43.7341** is the 20% darker color. If you saturate the color by 10%, you get **51.8119, 51.9879, 79.9780**, and if you desaturate by 10%, it is **74.5417, 78.5975, 83.9161**.

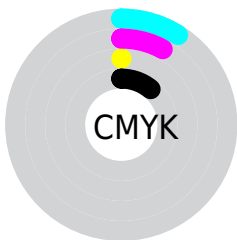
Distribution



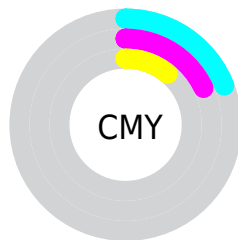
- Red (81%)
- Green (82%)
- Blue (89%)



- Red (81%)
- Yellow (82%)
- Blue (89%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3977, 64.4124, 81.8172 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 62.3977, 64.4124, 81.8172 by changing the saturation by 10% instead.

■ 62.3977, 64.4124,
81.8172

■ 62.3977, 64.4124,
81.8172

423.0748,
440.6774, 520.9034

■ 45.6109, 46.9848,
60.6799

107.3868,
111.2046, 137.7520

■ 32.1422, 33.0236,
43.5380

136.3199,
141.3381, 173.3866

■ 21.6262, 22.1445,
29.9730

170.0324,
176.4755, 214.6908

■ 13.6976, 13.9631,
19.5662

208.8898,
217.0014, 262.0830

■ 7.9909, 8.0950,
11.8992

253.2574,
263.3002, 315.9818

■ 4.1409, 4.1558,
6.5533

303.5005,

■ 1.7822, 1.7611,

315.7561, 376.8058

3.1102

359.9845,
374.7537, 444.9735

■ 0.5069, 0.4628,
1.1512

■ 0.0000, 0.0000,
0.0000

■ 62.3977, 64.4124,
81.8172

■ 62.3977, 64.4124,
81.8172

■ 51.8119, 51.9879,
79.9780

■ 74.5417, 78.5975,
83.9161

■ 42.7155, 41.2473,
78.3842

■ 88.2974, 94.5996,
86.2798

■ 35.0432, 32.1204,
77.0270

■ 90.8653, 98.3261,
86.8638

■ 28.7226, 24.5291,
75.8948

■ 23.6748, 18.3884,
74.9756

■ 19.8128, 13.6053,
74.2559

■ 17.0384, 10.0757,
73.7209

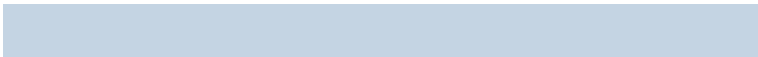
■ 15.2374, 7.6803,
73.3534

■ 14.2503, 6.2660,
73.1325

Harmonies

Analogous

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



60.3025, 64.4124, 82.0249



62.3977, 64.4124, 81.8172



64.2172, 64.4124, 78.3668

Triad

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



62.3977, 64.4124, 81.8172



64.0329, 64.4124, 62.0267



57.3687, 64.4124, 67.5205

Complementary

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



62.3977, 64.4124, 81.8172



69.8664, 74.6857, 69.7660

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.



58.3215, 64.4124, 62.4993



62.3977, 64.4124, 81.8172



62.1509, 64.4124, 59.4520

Square

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



62.3977, 64.4124, 81.8172



65.1760, 64.4124, 66.8414



60.0613, 64.4124, 59.6198



57.4313, 64.4124, 73.5333

Rectangle

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



62.3977, 64.4124, 81.8172



65.0146, 64.4124, 74.7985



60.0613, 64.4124, 59.6198



57.5799, 64.4124, 65.6679

Sweetspot

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



62.3996, 64.4151, 81.8186



90.1345, 94.2642, 108.0519



66.7474, 73.6227, 81.6897



19.0181, 19.8560, 23.0802



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.



62.3996, 64.4151, 81.8186



77.9427, 80.0027, 105.9418



64.1056, 64.5695, 81.7585



13.6984, 14.1182, 18.1474



8.3005, 3.6632, 42.6527



0.6530, 0.3499, 3.1651

Inverse Universe

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



65.5015, 65.5613, 69.5271



82.9446, 81.8705, 86.1169



68.0464, 74.5561, 69.8369



14.4354, 14.3913, 15.2270



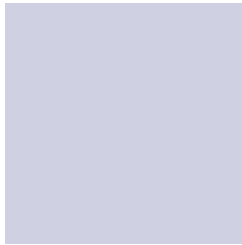
18.5832, 9.5675, 1.4344



1.3932, 0.7150, 0.2113

Previews

White Background



This preview shows how the XYZ color 62.3977, 64.4124, 81.8172 looks on a white background.

Color Contrast Check

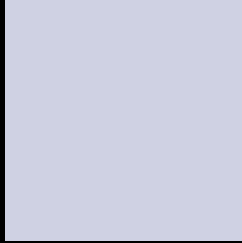
Large Text (above 18pt) WCAG AA × Fail

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 62.3977, 64.4124, 81.8172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

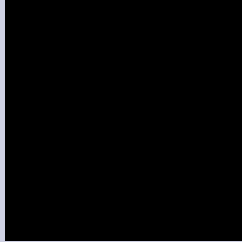
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

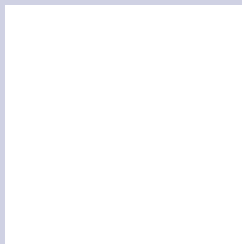
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3977, 64.4124, 81.8172

Background



This preview shows how black text looks on a background with the XYZ color 62.3977, 64.4124, 81.8172.

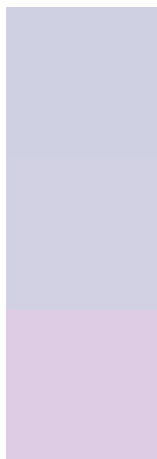


This preview shows how white text looks on a background with the XYZ color 62.3977, 64.4124,

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

62.3977, 64.4124, 81.8172

Protanopia

62.9601, 64.7023, 81.8435

Deuteranopia

65.7207, 64.3168, 82.3493



Tritanopia

62.2601, 64.3573, 81.0923

Trichromacy



Original Color

62.3977, 64.4124, 81.8172

Protanomaly

62.6780, 64.5569, 81.8303

Deuteranomaly

64.6902, 64.4958, 82.4382

Tritanomaly

62.2601, 64.3573, 81.0923

Monochromacy



Original Color

62.3977, 64.4124, 81.8172

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7358, 64.6064, 74.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3977, 64.4124, 81.8172 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(207, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 227)  
}
```

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(207, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.3977, 64.4124, 81.8172 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(207, 209, 227) }
```


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

```
.border{ border-color:rgb(207, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3977, 64.4124, 81.8172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 227) }
```

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

```
.background{ background-color: rgb(207,  
209, 227) }
```

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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