

Converting Colors

XYZ(62.8009, 64.5908, 81.3398)

Have a look what the booklet for
XYZ(62.8009, 64.5908, 81.3398)
contains.

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Color

**XYZ(62.8224, 64.6472,
81.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1E2
RGB	209, 209, 226
RGB Percent	82%, 82%, 89%
CMY	0.1804, 0.1804, 0.1137
CMYK	0.08, 0.08, 0.00, 0.11
HSL	240°, 23%, 85%
HSV	240°, 8%, 89%
XYZ	62.8224, 64.6472, 81.1186
YIQ	210.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

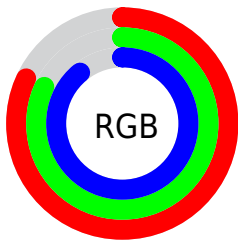
Format	Color
R _Y B	209, 209, 226
Decimal	13750754
CIE Lab	84.30, 3.21, -8.37
CIE LCh	84, 8.967, 290.950
Yxy	64.6472, 0.3012, 0.3099
Android (android.graphics.Color)	4291940834 (0xFFD1D1E2)
YUV	210.9380, 7.4256, -1.6996
Hunter-Lab	80.4035, -1.2370, -3.5349

Details

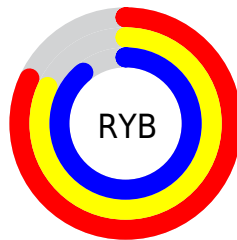
The XYZ color **62.8224, 64.6472, 81.1186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0692, 75.1643, 71.1378**, and the grayscale version is **61.8326, 65.0527, 70.8424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5896, 33.3515, 43.2479** is the 20% darker color. If you saturate the color by 10%, you get **51.7202, 51.2709, 79.1229**, and if you desaturate by 10%, it is **75.6216, 80.0691, 83.4217**.

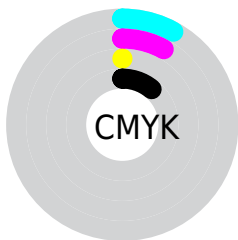
Distribution



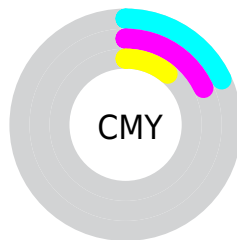
- Red (82%)
- Green (82%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8224, 64.6472, 81.1186 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 62.8224, 64.6472, 81.1186 by changing the saturation by 10% instead.

■ 62.8224, 64.6472,
81.1186

■ 62.8224, 64.6472,
81.1186

424.5946,
441.5231, 518.5005

■ 45.9557, 47.1751,
60.1077

107.9965,
111.5425, 136.7629

■ 32.4153, 33.1741,
43.0796

137.0346,
141.7344, 172.2333

■ 21.8360, 22.2598,
29.6157

170.8604,
176.9351, 213.3607

■ 13.8524, 14.0479,
19.2975

209.8395,
217.5289, 260.5635

■ 8.0991, 8.1540,
11.7065

254.3371,
263.9002, 314.2604

■ 4.2107, 4.1937,
6.4240

304.7186,

■ 1.8220, 1.7825,

316.4334, 374.8698

3.0317

361.3493,
375.5129, 442.8103

■ 0.5309, 0.4762,
1.1108

■ 0.0000, 0.0000,
0.0000

■ 62.8224, 64.6472,
81.1186

■ 62.8224, 64.6472,
81.1186

■ 51.7202, 51.2709,
79.1229

■ 75.6216, 80.0691,
83.4217

■ 42.2386, 39.8465,
77.4175

■ 90.1790, 97.6086,
86.0399

■ 34.3033, 30.2852,
75.9902

■ 90.7277, 98.2711,
86.1389

■ 27.8326, 22.4885,
74.8263

■ 22.7368, 16.3482,
73.9097

■ 18.9166, 11.7449,
73.2225

■ 16.2594, 8.5428,
72.7445

■ 14.6330, 6.5826,
72.4519

■ 13.8590, 5.6497,
72.3126

Harmonies

Analogous

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



60.8458, 64.6472, 81.7661



62.8224, 64.6472, 81.1186



64.4624, 64.6472, 77.5157

Triad

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



62.8224, 64.6472, 81.1186



63.8855, 64.6472, 62.2243



57.7464, 64.6472, 68.6815

Complementary

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



62.8224, 64.6472, 81.1186



70.0692, 75.1643, 71.1378

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.



58.5237, 64.6472, 63.7145



62.8224, 64.6472, 81.1186



62.0486, 64.6472, 60.1209

Square

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



62.8224, 64.6472, 81.1186



65.0853, 64.6472, 66.5469



60.0883, 64.6472, 60.6514



57.9434, 64.6472, 74.3779

Rectangle

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



62.8224, 64.6472, 81.1186



65.1304, 64.6472, 74.0245



60.0883, 64.6472, 60.6514



57.9018, 64.6472, 66.8761

Sweetspot

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



62.8243, 64.6499, 81.1200



91.5933, 95.8352, 108.2783



67.1805, 73.4246, 82.3804



19.6409, 20.5563, 23.1825



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.



62.8243, 64.6499, 81.1200



80.2168, 82.1279, 106.2321



65.2087, 65.8780, 81.2314



12.9523, 13.2437, 17.2613



7.8319, 3.1333, 41.2404



0.5429, 0.2173, 2.8586

Inverse Universe

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



65.6746, 66.3744, 69.6749



84.6839, 84.8307, 88.2950



67.5547, 73.8693, 71.0204



13.7074, 13.7006, 14.2293



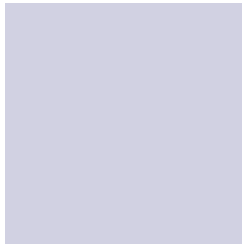
17.8934, 9.2243, 0.8383



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 62.8224, 64.6472, 81.1186 looks on a white background.

Color Contrast Check

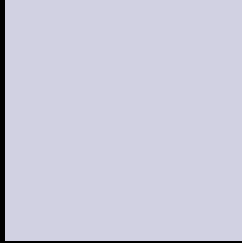
Large Text (above 18pt) WCAG AA × Fail

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 62.8224, 64.6472, 81.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

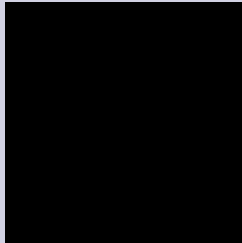
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8224, 64.6472, 81.1186

Background



This preview shows how black text looks on a background with the XYZ color 62.8224, 64.6472, 81.1186.

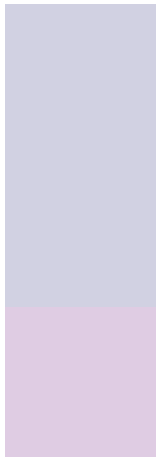


This preview shows how white text looks on a background with the XYZ color 62.8224, 64.6472,

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

62.8224, 64.6472, 81.1186

Protanopia

62.8224, 64.6472, 81.1186

Deuteranopia

65.8894, 64.4198, 81.6346



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

62.8224, 64.6472, 81.1186

Protanomaly

62.8224, 64.6472, 81.1186

Deuteranomaly

64.8499, 64.5941, 81.7230

Tritanomaly

62.8224, 64.6472, 81.1186

Monochromacy



Original Color

62.8224, 64.6472, 81.1186

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0196, 64.7527, 74.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8224, 64.6472, 81.1186 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(209, 209, 226) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 226)  
}
```

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(209, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.8224, 64.6472, 81.1186 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(209, 209, 226) }
```


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

```
.border{ border-color:rgb(209, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8224, 64.6472, 81.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 226) }
```

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

```
.background{ background-color: rgb(209,  
209, 226) }
```

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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