

Converting Colors

XYZ(62.4822, 65.4450, 87.1809)

Have a look what the booklet for
XYZ(62.4822, 65.4450, 87.1809)
contains.

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Color

**XYZ(62.4822, 65.4450,
87.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D4EA
RGB	201, 212, 234
RGB Percent	79%, 83%, 92%
CMY	0.2118, 0.1686, 0.0823
CMYK	0.14, 0.09, 0.00, 0.08
HSL	220°, 44%, 85%
HSV	220°, 14%, 92%
XYZ	62.4822, 65.4450, 87.1809
YIQ	211.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

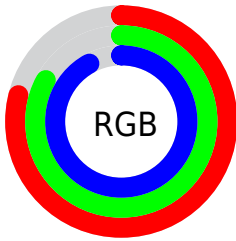
Format	Color
R _Y B	201, 209, 234
Decimal	13227242
CIE Lab	84.71, 0.65, -12.07
CIE LCh	85, 12.092, 273.069
Yxy	65.4450, 0.2905, 0.3042
Android (android.graphics.Color)	4291417322 (0xFFC9D4EA)
YUV	211.2190, 11.2310, -8.9621
Hunter-Lab	80.8981, -3.7059, -7.2660

Details

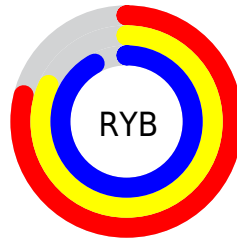
The XYZ color **62.4822, 65.4450, 87.1809** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8625, 74.4847, 65.9019**, and the grayscale version is **61.9978, 65.2265, 71.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1255, 33.5313, 46.8985** is the 20% darker color. If you saturate the color by 10%, you get **52.9522, 55.0220, 85.6724**, and if you desaturate by 10%, it is **73.3511, 77.1208, 88.8627**.

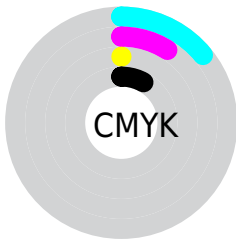
Distribution



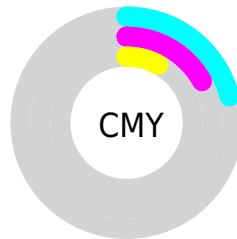
- Red (79%)
- Green (83%)
- Blue (92%)



- Red (79%)
- Yellow (82%)
- Blue (92%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4822, 65.4450, 87.1809 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 62.4822, 65.4450, 87.1809 by changing the saturation by 10% instead.

■ 62.4822, 65.4450,
87.1809

■ 62.4822, 65.4450,
87.1809

423.3774,
444.3894, 539.1488

■ 45.6795, 47.8220,
65.0844

107.5082,
112.6894, 145.3173

■ 32.1965, 33.6860,
47.0778

136.4621,
143.0796, 182.1944

■ 21.6679, 22.6524,
32.7424

170.1973,
178.4943, 224.8354

■ 13.7283, 14.3371,
21.6596

209.0789,
219.3179, 273.6590

■ 8.0124, 8.3555,
13.4111

253.4723,
265.9348, 329.0835

■ 4.1548, 4.3232,
7.5782

303.7430,

■ 1.7901, 1.8560,

318.7294, 391.5276

3.7424

360.2563,
378.0862, 461.4099

■ 0.5117, 0.5217,
1.4851

■ 0.0000, 0.0000,
0.2068

■ 62.4822, 65.4450,
87.1809

■ 62.4822, 65.4450,
87.1809

■ 52.9522, 55.0220,
85.6724

■ 73.3511, 77.1208,
88.8627

■ 44.7013, 45.8003,
84.3273

■ 85.6037, 90.0826,
90.7188

■ 37.6739, 37.7362,
83.1411

■ 91.8515, 98.7206,
92.0568

■ 31.8078, 30.7803,
82.1077

■ 27.0348, 24.8794,
81.2203

■ 23.2790, 19.9750,
80.4716

■ 20.4537, 16.0018,
79.8536

■ 18.4555, 12.8843,
79.3572

■ 17.5772, 11.3921,
79.1154

Harmonies

Analogous

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



59.8789, 65.4450, 85.3713



62.4822, 65.4450, 87.1809



65.0830, 65.4450, 84.4755

Triad

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



62.4822, 65.4450, 87.1809



66.6618, 65.4450, 63.4406



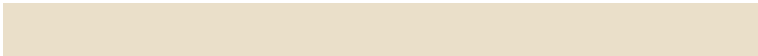
57.6835, 65.4450, 64.7267

Complementary

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



62.4822, 65.4450, 87.1809



70.8625, 74.4847, 65.9019

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.



59.4102, 65.4450, 59.4974



62.4822, 65.4450, 87.1809



64.5875, 65.4450, 58.7936

Square

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



62.4822, 65.4450, 87.1809



67.5396, 65.4450, 70.4645



61.9256, 65.4450, 57.4033



57.1562, 65.4450, 72.0584

Rectangle

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



62.4822, 65.4450, 87.1809



66.4516, 65.4450, 80.5824



61.9256, 65.4450, 57.4033



58.1404, 65.4450, 62.6831

Sweetspot

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



62.4842, 65.4477, 87.1824



89.2656, 93.8549, 108.0187



66.7567, 76.5624, 80.6847



18.8802, 19.8475, 23.0858



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.



62.4842, 65.4477, 87.1824



72.3251, 75.6141, 105.3908



61.1790, 60.8299, 86.3598



14.6415, 15.3695, 19.1172



9.9806, 6.6083, 44.4925



0.8693, 0.6900, 3.5222

Inverse Universe

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



66.7036, 64.0207, 71.1320



78.4378, 73.6688, 82.1113



72.2957, 79.7301, 66.8388



15.2726, 15.1369, 16.7209



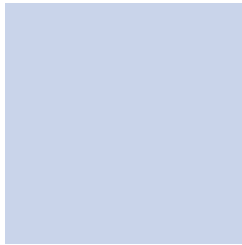
19.8931, 10.1599, 5.2382



1.6053, 0.8151, 0.6388

Previews

White Background



This preview shows how the XYZ color 62.4822, 65.4450, 87.1809 looks on a white background.

Color Contrast Check

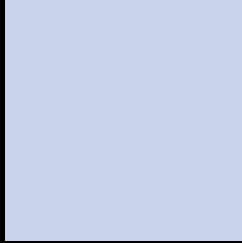
Large Text (above 18pt) WCAG AA × Fail

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 62.4822, 65.4450, 87.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

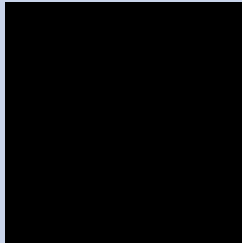
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4822, 65.4450, 87.1809

Background



This preview shows how black text looks on a background with the XYZ color 62.4822, 65.4450, 87.1809.



This preview shows how white text looks on a background with the XYZ color 62.4822, 65.4450,

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

62.4822, 65.4450, 87.1809

Protanopia

64.0491, 65.5317, 86.3639

Deuteranopia

66.8855, 65.5129, 87.7173



Tritanopia

61.8966, 65.5810, 84.2590

Trichromacy



Original Color

62.4822, 65.4450, 87.1809

Protanomaly

63.4558, 65.5935, 86.4071

Deuteranomaly

65.2828, 65.4061, 87.7811

Tritanomaly

62.0375, 65.6374, 85.0009

Monochromacy



Original Color

62.4822, 65.4450, 87.1809

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8126, 64.9684, 76.3001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4822, 65.4450, 87.1809 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(201, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 234)  
}
```

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(201, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 234) }
```

Border

The CSS property to change the border of an element to XYZ 62.4822, 65.4450, 87.1809 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(201, 212, 234) }
```


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

```
.border{ border-color:rgb(201, 212, 234) }
```

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

Here you see how a box with a 4 pixel rgb(201, 212, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4822, 65.4450, 87.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 212, 234) }
```

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

```
.background{ background-color: rgb(201,  
212, 234) }
```

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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