

Converting Colors

XYZ(62.7152, 67.7542, 80.4724)

Have a look what the booklet for
XYZ(62.7152, 67.7542, 80.4724)
contains.

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Color

**XYZ(62.6245, 67.5641,
80.2615)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9E0
RGB	202, 217, 224
RGB Percent	79%, 85%, 88%
CMY	0.2078, 0.1490, 0.1216
CMYK	0.10, 0.03, 0.00, 0.12
HSL	199°, 26%, 84%
HSV	199°, 10%, 88%
XYZ	62.6245, 67.5641, 80.2615
YIQ	213.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

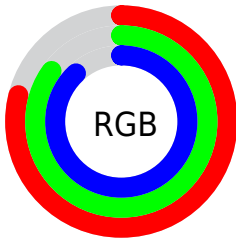
Format	Color
R _Y B	202, 211, 224
Decimal	13294048
CIE Lab	85.79, -3.66, -5.17
CIE LCh	86, 6.334, 234.717
Yxy	67.5641, 0.2976, 0.3210
Android (android.graphics.Color)	4291484128 (0xFFCAD9E0)
YUV	213.3130, 5.2687, -9.9215
Hunter-Lab	82.1974, -7.8499, -0.3555

Details

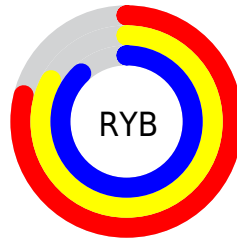
The XYZ color **62.6245, 67.5641, 80.2615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2018, 65.7120, 65.1781**, and the grayscale version is **63.4281, 66.7313, 72.6704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2945, 35.0011, 42.5899** is the 20% darker color. If you saturate the color by 10%, you get **55.2017, 61.0719, 79.4007**, and if you desaturate by 10%, it is **71.0102, 74.6741, 81.1929**.

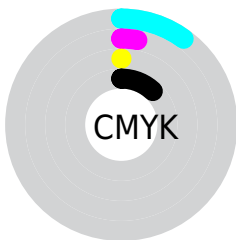
Distribution



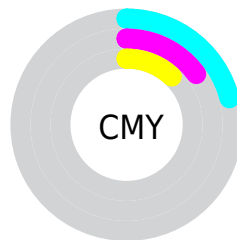
- Red (79%)
- Green (85%)
- Blue (88%)



- Red (79%)
- Yellow (83%)
- Blue (88%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6245, 67.5641, 80.2615 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 62.6245, 67.5641, 80.2615 by changing the saturation by 10% instead.

■ 62.6245, 67.5641,
80.2615

■ 62.6245, 67.5641,
80.2615

423.8868,
451.9501, 515.5437

■ 45.7950, 49.5432,
59.4061

107.7125,
115.7283, 135.5480

■ 32.2880, 35.0506,
42.5180

136.7016,
146.6405, 170.8163

■ 21.7382, 23.7018,
29.1785

170.4747,
182.6184, 211.7259

■ 13.7802, 15.1126,
18.9692

209.3971,
224.0467, 258.6955

■ 8.0486, 8.8984,
11.4714

253.8342,
271.3096, 312.1435

■ 4.1781, 4.6750,
6.2667

304.1512,

■ 1.8034, 2.0579,

324.7915, 372.4885

2.9365

360.7137,
384.8769, 440.1490

■ 0.5197, 0.6408,
1.0623

■ 0.0000, 0.0000,
0.0000

■ 62.6245, 67.5641,
80.2615

■ 62.6245, 67.5641,
80.2615

■ 55.2017, 61.0719,
79.4007

■ 71.0102, 74.6741,
81.1929

■ 48.6973, 55.1675,
78.6038

■ 80.3894, 82.4135,
82.1925

■ 43.0718, 49.8309,
77.8702

■ 85.3790, 88.0105,
83.0098

■ 38.2802, 45.0375,
77.1976

■ 87.4988, 92.2500,
83.7164

■ 34.2736, 40.7603,
76.5832

■ 89.7016, 96.6555,
84.4506

■ 30.9975, 36.9698,
76.0242

■ 90.4547, 98.1619,
84.7017

■ 28.3897, 33.6322,
75.5174

■ 26.3767, 30.7081,
75.0591

■ 24.8330, 28.1309,
74.6430

Harmonies

Analogous

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



61.7242, 67.5641, 76.9470



62.6245, 67.5641, 80.2615



63.9619, 67.5641, 81.7858

Triad

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



62.6245, 67.5641, 80.2615



67.0271, 67.5641, 74.3017



63.0617, 67.5641, 66.5648

Complementary

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



62.6245, 67.5641, 80.2615



64.2018, 65.7120, 65.1781

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.



64.4741, 67.5641, 65.9159



62.6245, 67.5641, 80.2615



66.7774, 67.5641, 70.2852

Square

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



62.6245, 67.5641, 80.2615



66.5149, 67.5641, 78.2633



65.8376, 67.5641, 67.2533



61.9739, 67.5641, 69.0601

Rectangle

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



62.6245, 67.5641, 80.2615



64.9268, 67.5641, 81.5419



65.8376, 67.5641, 67.2533



63.5137, 67.5641, 66.1276

Sweetspot

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



62.6265, 67.5669, 80.2630



91.5201, 97.0354, 108.5138



62.5183, 70.4708, 70.6082



19.3915, 20.6028, 23.2046



0.0000, 0.0000, 0.0000



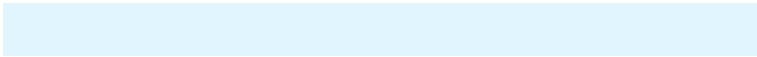
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6265, 67.5669, 80.2630



81.6482, 88.5986, 107.4057



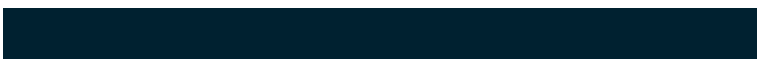
59.8921, 62.0982, 79.3515



13.7298, 14.7987, 17.5205



14.5471, 16.5638, 43.4788



1.0878, 1.3072, 3.0402

Inverse Universe

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



64.3869, 63.0994, 74.4348



84.5257, 81.3955, 97.8570



66.9866, 71.2816, 66.1063



14.0998, 13.8576, 16.2959



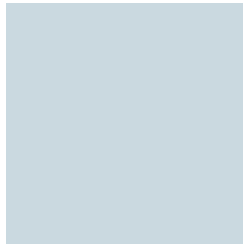
21.2829, 10.5802, 18.6874



1.5154, 0.7494, 1.5067

Previews

White Background



This preview shows how the XYZ color 62.6245, 67.5641, 80.2615 looks on a white background.

Color Contrast Check

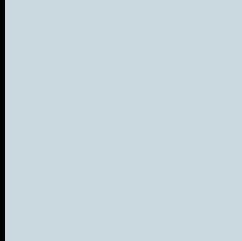
Large Text (above 18pt) WCAG AA × Fail

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 62.6245, 67.5641, 80.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

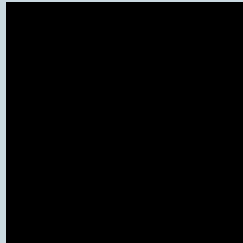
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

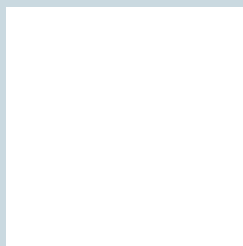
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6245, 67.5641, 80.2615

Background



This preview shows how black text looks on a background with the XYZ color 62.6245, 67.5641, 80.2615.



This preview shows how white text looks on a background with the XYZ color 62.6245, 67.5641,

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

62.6245, 67.5641, 80.2615

Protanopia

65.2980, 67.4614, 78.6870

Deuteranopia

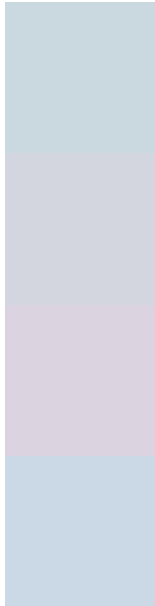
68.9165, 67.4257, 81.3337



Tritanopia

64.1657, 67.8323, 86.8018

Trichromacy



Original Color

62.6245, 67.5641, 80.2615

Protanomaly

64.2298, 67.2697, 79.4111

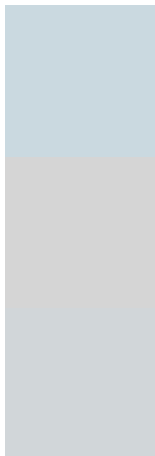
Deuteranomaly

66.4001, 67.2404, 80.7132

Tritanomaly

63.4674, 67.5214, 84.5508

Monochromacy



Original Color

62.6245, 67.5641, 80.2615

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8654, 66.6582, 75.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6245, 67.5641, 80.2615 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(202, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 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(202, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.6245, 67.5641, 80.2615 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(202, 217, 224) }
```


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

```
.border{ border-color:rgb(202, 217, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6245, 67.5641, 80.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 224) }
```

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

```
.background{ background-color: rgb(202,  
217, 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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