

Converting Colors

XYZ(63.6651, 67.4428, 80.6649)

Have a look what the booklet for
XYZ(63.6651, 67.4428, 80.6649)
contains.

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Color

**XYZ(63.6232, 67.3025,
80.8715)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD7E1
RGB	207, 215, 225
RGB Percent	81%, 84%, 88%
CMY	0.1882, 0.1568, 0.1176
CMYK	0.08, 0.04, 0.00, 0.12
HSL	213°, 23%, 85%
HSV	213°, 8%, 88%
XYZ	63.6232, 67.3025, 80.8715
YIQ	213.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

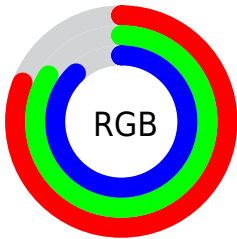
Format	Color
R_{YB}	207, 213, 225
Decimal	13621217
CIE _{Lab}	85.66, -0.79, -5.85
CIE _{LCh}	86, 5.907, 262.305
Yxy	67.3025, 0.3004, 0.3178
Android (android.graphics.Color)	4291811297 (0xFFCFD7E1)
YUV	213.7480, 5.5472, -5.9180
Hunter-Lab	82.0381, -5.1342, -1.0202

Details

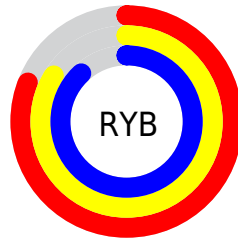
The XYZ color **63.6232, 67.3025, 80.8715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1270, 70.1379, 69.0328**, and the grayscale version is **63.7165, 67.0347, 73.0008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9634, 34.8162, 43.0131** is the 20% darker color. If you saturate the color by 10%, you get **54.7185, 58.1689, 79.5789**, and if you desaturate by 10%, it is **73.6707, 77.3897, 82.2900**.

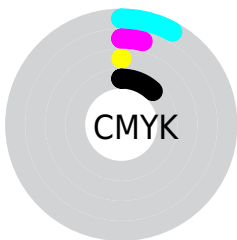
Distribution



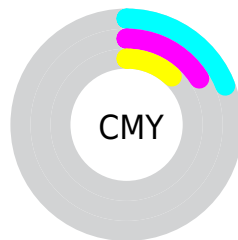
- Red (81%)
- Green (84%)
- Blue (88%)



- Red (81%)
- Yellow (84%)
- Blue (88%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6232, 67.3025, 80.8715 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 63.6232, 67.3025, 80.8715 by changing the saturation by 10% instead.

■ 63.6232, 67.3025,
80.8715

■ 63.6232, 67.3025,
80.8715

427.4515,
451.0208, 517.6490

■ 46.6061, 49.3305,
59.9054

109.1449,
115.3538, 136.4128

■ 32.9310, 34.8817,
42.9176

138.3802,
146.2018, 171.8250

■ 22.2326, 23.5718,
29.4895

172.4189,
182.1106, 212.8897

■ 14.1455, 15.0163,
19.2027

211.6264,
223.4647, 260.0254

■ 8.3043, 8.8308,
11.6385

256.3681,
270.6483, 313.6507

■ 4.3437, 4.6310,
6.3785

307.0092,

■ 1.8984, 2.0324,

324.0460, 374.1840

3.0041

363.9153,
384.0420, 442.0439

■ 0.5759, 0.6262,
1.0967

■ 0.0000, 0.0000,
0.0000

■ 63.6232, 67.3025,
80.8715

■ 63.6232, 67.3025,
80.8715

■ 54.7185, 58.1689,
79.5789

■ 73.6707, 77.3897,
82.2900

■ 46.9076, 49.9501,
78.4042

■ 84.8958, 88.4508,
83.8334

■ 40.1465, 42.6171,
77.3451

■ 89.7964, 96.6275,
85.1534

■ 34.3858, 36.1358,
76.3977

■ 90.5908, 98.2163,
85.4182

■ 29.5719, 30.4694,
75.5577

■ 25.6455, 25.5783,
74.8206

■ 22.5399, 21.4181,
74.1813

■ 20.1775, 17.9388,
73.6342

■ 18.4516, 15.0743,
73.1723

Harmonies

Analogous

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



62.4001, 67.3025, 79.3015



63.6232, 67.3025, 80.8715



64.9559, 67.3025, 80.3519

Triad

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



63.6232, 67.3025, 80.8715



66.3925, 67.3025, 70.5048



61.9437, 67.3025, 68.8432

Complementary

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



63.6232, 67.3025, 80.8715



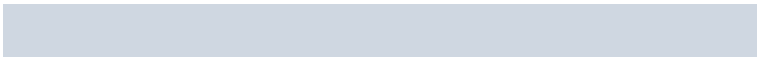
67.1270, 70.1379, 69.0328

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.



62.9921, 67.3025, 66.6376



63.6232, 67.3025, 80.8715



65.5640, 67.3025, 67.5732

Square

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



63.6232, 67.3025, 80.8715



66.5672, 67.3025, 74.2776



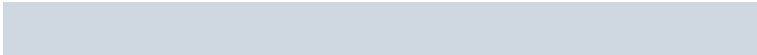
64.3161, 67.3025, 66.1809



61.4393, 67.3025, 72.2933

Rectangle

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



63.6232, 67.3025, 80.8715



65.7262, 67.3025, 78.8984



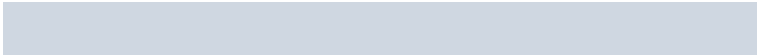
64.3161, 67.3025, 66.1809



62.2435, 67.3025, 67.9367

Sweetspot

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



63.6252, 67.3053, 80.8730



92.3016, 97.2516, 108.5144



65.1699, 72.1215, 76.0646



19.7852, 20.8447, 23.2306



0.0000, 0.0000, 0.0000



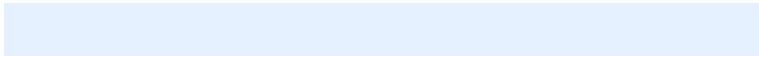
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6252, 67.3053, 80.8730



81.9302, 86.7749, 107.0388



61.8890, 63.4586, 80.2220



13.4512, 14.2415, 17.4276



10.5723, 8.6141, 42.1538



0.8211, 0.7736, 2.9513

Inverse Universe

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



65.6314, 65.5409, 73.4847



85.2508, 83.9169, 94.7964



68.9602, 74.2198, 69.7240



13.9592, 13.8013, 15.5553



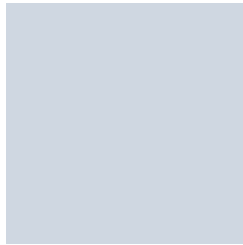
19.2766, 9.7776, 8.1223



1.3807, 0.6955, 0.7976

Previews

White Background



This preview shows how the XYZ color 63.6232, 67.3025, 80.8715 looks on a white background.

Color Contrast Check

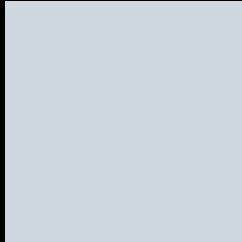
Large Text (above 18pt) WCAG AA × Fail

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 63.6232, 67.3025, 80.8715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

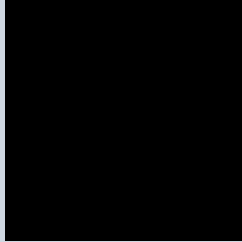
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

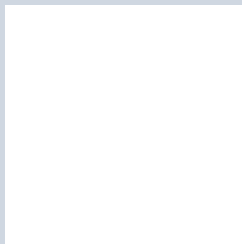
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6232, 67.3025, 80.8715

Background



This preview shows how black text looks on a background with the XYZ color 63.6232, 67.3025, 80.8715.

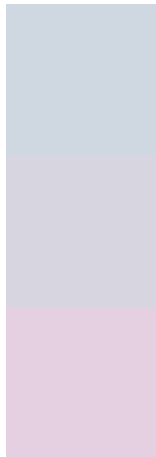


This preview shows how white text looks on a background with the XYZ color 63.6232, 67.3025,

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

63.6232, 67.3025, 80.8715

Protanopia

65.2731, 67.4174, 80.0936

Deuteranopia

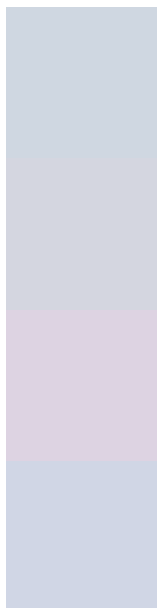
68.5964, 67.2608, 81.3187



Tritanopia

64.4828, 67.2726, 85.1876

Trichromacy



Original Color

63.6232, 67.3025, 80.8715

Protanomaly

64.6525, 67.4720, 80.1369

Deuteranomaly

66.8405, 67.4517, 81.4481

Tritanomaly

64.2018, 67.1602, 83.7082

Monochromacy



Original Color

63.6232, 67.3025, 80.8715

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5654, 67.0040, 75.9125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6232, 67.3025, 80.8715 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, 215, 225) looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 225)  
}
```

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, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.6232, 67.3025, 80.8715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

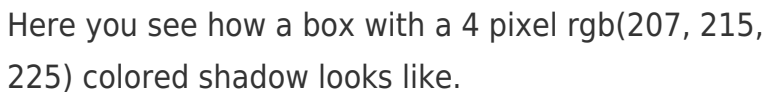
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 225) }
```


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

```
.border{ border-color:rgb(207, 215, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 215, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 215, 225); box-shadow:4px 4px 4px 4px rgb(207, 215, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6232, 67.3025, 80.8715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 225) }
```

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

```
.background{ background-color: rgb(207,  
215, 225) }
```

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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