

Converting Colors

XYZ(65.5997, 68.6569, 78.7969)

Have a look what the booklet for
XYZ(65.5997, 68.6569, 78.7969)
contains.

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Color

**XYZ(65.7650, 68.8327,
78.9271)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D8DE
RGB	215, 216, 222
RGB Percent	84%, 85%, 87%
CMY	0.1569, 0.1529, 0.1294
CMYK	0.03, 0.03, 0.00, 0.13
HSL	231°, 10%, 86%
HSV	231°, 3%, 87%
XYZ	65.7650, 68.8327, 78.9271
YIQ	216.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

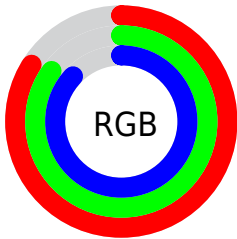
Format	Color
R _Y B	215, 216, 222
Decimal	14145758
CIE Lab	86.42, 0.77, -3.07
CIE LCh	86, 3.166, 284.018
Yxy	68.8327, 0.3080, 0.3224
Android (android.graphics.Color)	4292335838 (0xFFD7D8DE)
YUV	216.3850, 2.7682, -1.2146
Hunter-Lab	82.9655, -3.6964, 1.6718

Details

The XYZ color **65.7650, 68.8327, 78.9271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2465, 72.1481, 74.6200**, and the grayscale version is **65.5173, 68.9293, 75.0640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2171, 35.7533, 41.6569** is the 20% darker color. If you saturate the color by 10%, you get **55.0901, 56.5121, 77.1127**, and if you desaturate by 10%, it is **77.8923, 82.7430, 80.9739**.

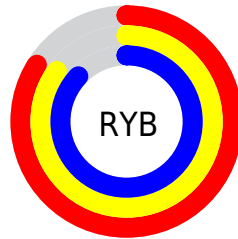
Distribution



Red (84%)

Green (85%)

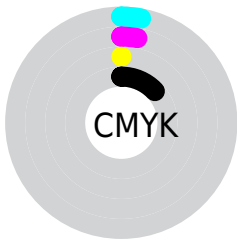
Blue (87%)



Red (84%)

Yellow (85%)

Blue (87%)

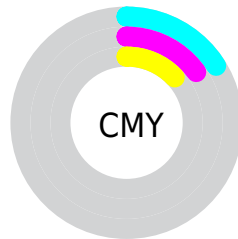


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7650, 68.8327, 78.9271 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 65.7650, 68.8327, 78.9271 by changing the saturation by 10% instead.

■ 65.7650, 68.8327,
78.9271

■ 65.7650, 68.8327,
78.9271

435.0379,
456.4407, 510.9208

■ 48.3487, 50.5755,
58.3149

112.2086,
117.5426, 133.6540

■ 34.3155, 35.8709,
41.6455

141.9665,
148.7640, 168.6057

■ 23.3001, 24.3345,
28.5003

176.5691,
185.0757, 209.1744

■ 14.9372, 15.5819,
18.4608

216.3815,
226.8619, 255.7786

■ 8.8613, 9.2288,
11.1085

261.7693,
274.5072, 308.8367

■ 4.7072, 4.8907,
6.0248

313.0977,

■ 2.1095, 2.1833,

328.3958, 368.7675

2.7911

370.7321,
388.9121, 435.9893

■ 0.6944, 0.7109,
0.9890

■ 0.0000, 0.0000,
0.0000

■ 65.7650, 68.8327,
78.9271

■ 65.7650, 68.8327,
78.9271

■ 55.0901, 56.5121,
77.1127

■ 77.8923, 82.7430,
80.9739

■ 45.8072, 45.7159,
75.5180

■ 89.8797, 97.4433,
83.1796

■ 37.8603, 36.3871,
74.1363

■ 90.1850, 98.0540,
83.2813

■ 31.1873, 28.4619,
72.9582

■ 25.7213, 21.8716,
71.9743

■ 21.3888, 16.5418,
71.1739

■ 18.1086, 12.3906,
70.5455

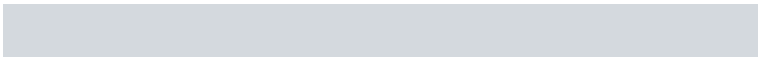
■ 15.7881, 9.3262,
70.0763

■ 14.3178, 7.2423,
69.7516

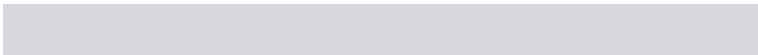
Harmonies

Analogous

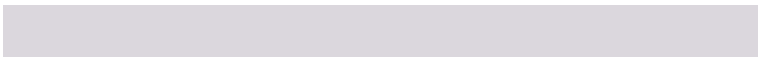
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.0366, 68.8327, 78.8901



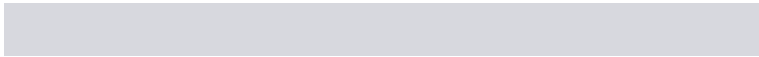
65.7650, 68.8327, 78.9271



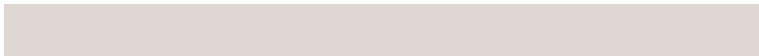
66.4065, 68.8327, 77.8839

Triad

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



65.7650, 68.8327, 78.9271



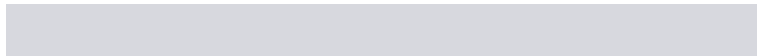
66.4410, 68.8327, 72.1804



64.0794, 68.8327, 73.8425

Complementary

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



65.7650, 68.8327, 78.9271



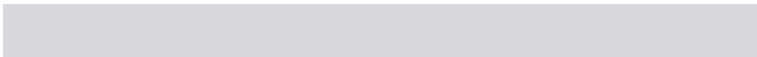
68.2465, 72.1481, 74.6200

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.



64.4501, 68.8327, 72.0851



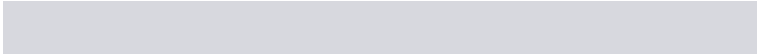
65.7650, 68.8327, 78.9271



65.8118, 68.8327, 71.1377

Square

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



65.7650, 68.8327, 78.9271



66.7987, 68.8327, 73.9748



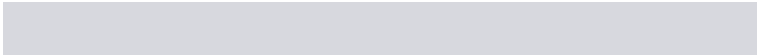
65.0830, 68.8327, 71.1032



64.0671, 68.8327, 75.9279

Rectangle

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



65.7650, 68.8327, 78.9271



66.6970, 68.8327, 76.7272



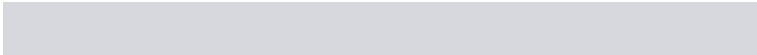
65.0830, 68.8327, 71.1032



64.1661, 68.8327, 73.1947

Sweetspot

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



65.7670, 68.8356, 78.9286



93.4251, 98.1337, 108.6254



67.1912, 71.9085, 78.7111



20.0140, 21.0243, 23.2532



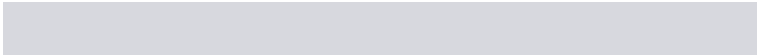
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.7670, 68.8356, 78.9286



88.6720, 92.6677, 107.8209



66.2356, 68.6967, 78.8771



14.2489, 14.8725, 17.5074



8.1839, 3.8374, 41.3577



0.6182, 0.3679, 2.8837

Inverse Universe

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



66.8208, 69.0896, 74.7830



90.5068, 93.1138, 100.6025



67.7673, 72.2955, 74.6738



14.5973, 14.9578, 16.1367



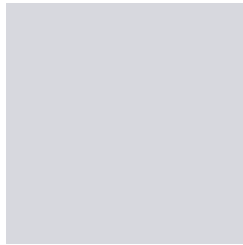
18.0711, 9.2954, 1.7741



1.2783, 0.6546, 0.2584

Previews

White Background



This preview shows how the XYZ color 65.7650, 68.8327, 78.9271 looks on a white background.

Color Contrast Check

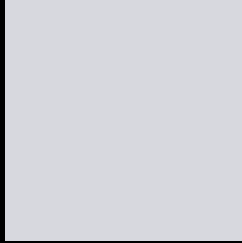
Large Text (above 18pt) WCAG AA × Fail

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 65.7650, 68.8327, 78.9271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

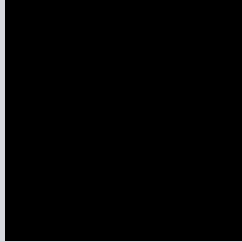
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

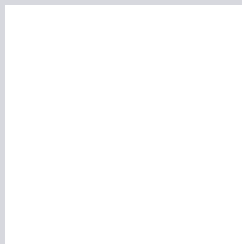
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7650, 68.8327, 78.9271

Background



This preview shows how black text looks on a background with the XYZ color 65.7650, 68.8327, 78.9271.

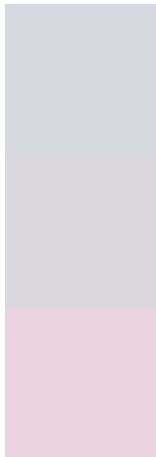


This preview shows how white text looks on a background with the XYZ color 65.7650, 68.8327,

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

65.7650, 68.8327, 78.9271

Protanopia

66.2650, 68.7268, 78.1797

Deuteranopia

70.2976, 68.9133, 79.4086



Tritanopia

67.3395, 69.1221, 85.3940

Trichromacy



Original Color

65.7650, 68.8327, 78.9271

Protanomaly

65.9669, 68.5730, 78.1657

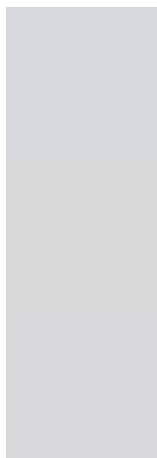
Deuteranomaly

68.5413, 68.7456, 79.4687

Tritanomaly

66.6229, 68.8012, 83.1674

Monochromacy



Original Color

65.7650, 68.8327, 78.9271

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5297, 68.7726, 76.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7650, 68.8327, 78.9271 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(215, 216, 222) looks like.

```
.text, #text, p{  
    color:rgb(215, 216, 222)  
}
```

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(215, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 216, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.7650, 68.8327, 78.9271 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(215, 216, 222) }
```


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

```
.border{ border-color:rgb(215, 216, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 216, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 216,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7650, 68.8327, 78.9271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 216, 222) }
```

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

```
.background{ background-color: rgb(215,  
216, 222) }
```

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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