

Converting Colors

XYZ(65.2682, 65.0748, 69.8039)

Have a look what the booklet for
XYZ(65.2682, 65.0748, 69.8039)
contains.

XYZ(65.3827, 65.1267, 70.0974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3827, 65.1267,
70.0974)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CED2
RGB	227, 206, 210
RGB Percent	89%, 81%, 82%
CMY	0.1098, 0.1921, 0.1765
CMYK	0.00, 0.09, 0.07, 0.11
HSL	349°, 27%, 85%
HSV	349°, 9%, 89%
XYZ	65.3827, 65.1267, 70.0974
YIQ	212.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

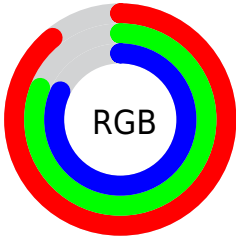
Format	Color
R_{YB}	227, 206, 210
Decimal	14929618
CIE Lab	84.55, 7.98, 0.67
CIE LCh	85, 8.006, 4.774
Yxy	65.1267, 0.3259, 0.3246
Android (android.graphics.Color)	4293119698 (0xFFE3CED2)
YUV	212.7350, -1.3484, 12.5104
Hunter-Lab	80.7011, 3.3908, 4.9912

Details

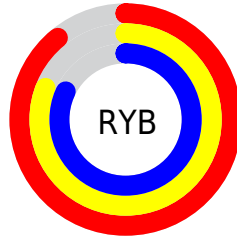
The XYZ color **65.3827, 65.1267, 70.0974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2445, 73.3893, 80.4898**, and the grayscale version is **63.0739, 66.3586, 72.2645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2422, 33.6274, 36.1385** is the 20% darker color. If you saturate the color by 10%, you get **58.1480, 54.1132, 57.0298**, and if you desaturate by 10%, it is **73.6734, 77.8296, 84.8162**.

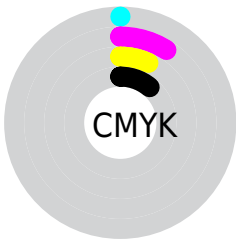
Distribution



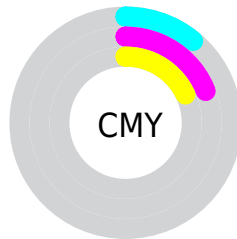
- Red (89%)
- Green (81%)
- Blue (82%)



- Red (89%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3827, 65.1267, 70.0974 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 65.3827, 65.1267, 70.0974 by changing the saturation by 10% instead.

65.3827, 65.1267,
70.0974

65.3827, 65.1267,
70.0974

433.6895,
443.2471, 479.6903

48.0373, 47.5638,
51.1286

111.6625,
112.2320, 121.0301

34.0678, 33.4816,
35.9336

141.3277,
142.5432, 153.8311

23.1088, 22.4956,
24.0936

175.8302,
177.8726, 192.0799

14.7950, 14.2215,
15.1902

215.5353,
218.6047, 236.1951

8.7610, 8.2749,
8.8049

260.8084,
265.1238, 286.5951

4.6415, 4.2714,
4.5191

312.0149,

2.0711, 1.8265,

317.8143, 343.6987

1.9142

369.5201,
377.0606, 407.9242

■ 0.6734, 0.5036,
0.5018

■ 0.0000, 0.0000,
0.0000

■ 65.3827, 65.1267,
70.0974

■ 65.3827, 65.1267,
70.0974

■ 58.1480, 54.1132,
57.0298

■ 73.6734, 77.8296,
84.8162

■ 51.9211, 44.7096,
45.5512

■ 83.0546, 92.2799,
101.2369

■ 46.6585, 36.8428,
35.6017

■ 85.4889, 95.0710,
108.4525

■ 42.3113, 30.4307,
27.1162

■ 38.8260, 25.3836,
20.0245

■ 36.1437, 21.6017,
14.2508

■ 34.1977, 18.9717,
9.7116

■ 32.9101, 17.3596,
6.3133

■ 32.1630, 16.5543,
3.9408

Harmonies

Analogous

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



65.0563, 65.1267, 75.1818



65.3827, 65.1267, 70.0974



64.7616, 65.1267, 65.4550

Triad

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



65.3827, 65.1267, 70.0974



59.9651, 65.1267, 63.1445



60.4505, 65.1267, 80.1756

Complementary

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



65.3827, 65.1267, 70.0974



66.2445, 73.3893, 80.4898

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.



59.1258, 65.1267, 76.6639



65.3827, 65.1267, 70.0974



58.8494, 65.1267, 66.8068

Square

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



65.3827, 65.1267, 70.0974



61.6159, 65.1267, 61.5655



58.5451, 65.1267, 71.7327



62.1869, 65.1267, 81.1594

Rectangle

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



65.3827, 65.1267, 70.0974



63.9007, 65.1267, 63.1856



58.5451, 65.1267, 71.7327



59.9434, 65.1267, 79.2437

Sweetspot

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



65.3845, 65.1296, 70.0988



91.6765, 94.8232, 102.9348



66.3083, 65.3479, 81.7923



19.4342, 20.0074, 21.6983



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.



65.3845, 65.1296, 70.0988



83.3019, 82.0134, 87.9986



66.4397, 68.0268, 68.0248



14.4885, 14.4126, 15.5069



18.7634, 9.6396, 2.3829



1.4184, 0.7251, 0.3439

Inverse Universe

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



65.3845, 65.1296, 70.0988



83.3019, 82.0134, 87.9986



65.0983, 70.2246, 82.7974



14.4885, 14.4126, 15.5069



18.7634, 9.6396, 2.3829



1.4184, 0.7251, 0.3439

Previews

White Background



This preview shows how the XYZ color 65.3827, 65.1267, 70.0974 looks on a white background.

Color Contrast Check

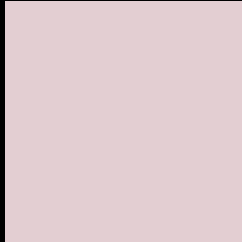
Large Text (above 18pt) WCAG AA × Fail

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 65.3827, 65.1267, 70.0974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

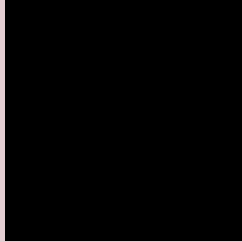
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3827, 65.1267, 70.0974

Background



This preview shows how black text looks on a background with the XYZ color 65.3827, 65.1267, 70.0974.



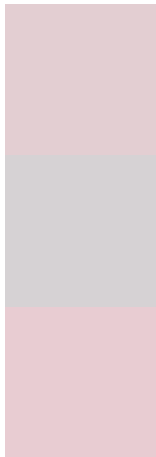
This preview shows how white text looks on a background with the XYZ color 65.3827, 65.1267,

70.0974.

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

65.3827, 65.1267, 70.0974

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

66.5044, 64.9947, 70.0128



Tritanopia

66.5060, 64.8470, 76.7216

Trichromacy



Original Color

65.3827, 65.1267, 70.0974

Protanomaly

63.7718, 65.3641, 70.8834

Deuteranomaly

66.0973, 65.1388, 70.0621

Tritanomaly

66.2209, 65.1145, 74.0439

Monochromacy



Original Color

65.3827, 65.1267, 70.0974

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8437, 65.7521, 71.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3827, 65.1267, 70.0974 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(227, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 210)  
}
```

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(227, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.3827, 65.1267, 70.0974 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(227, 206, 210) }
```


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

```
.border{ border-color:rgb(227, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3827, 65.1267, 70.0974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 210) }
```

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

```
.background{ background-color: rgb(227,  
206, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor