

Converting Colors

XYZ(56.6681, 58.4711, 64.6291)

Have a look what the booklet for
XYZ(56.6681, 58.4711, 64.6291)
contains.

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Color

**XYZ(56.8874, 58.7422,
64.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8CB
RGB	206, 200, 203
RGB Percent	81%, 78%, 80%
CMY	0.1922, 0.2157, 0.2039
CMYK	0.00, 0.03, 0.01, 0.19
HSL	330°, 6%, 80%
HSV	330°, 3%, 81%
XYZ	56.8874, 58.7422, 64.8400
YIQ	202.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

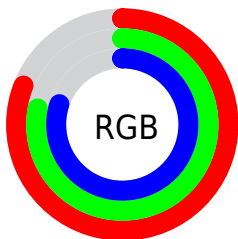
Format	Color
R _Y B	206, 200, 203
Decimal	13551819
CIE Lab	81.15, 2.62, -0.76
CIE LCh	81, 2.730, 343.736
Yxy	58.7422, 0.3152, 0.3255
Android (android.graphics.Color)	4291741899 (0xFFCEC8CB)
YUV	202.1360, 0.4260, 3.3887
Hunter-Lab	76.6435, -1.6372, 3.4914

Details

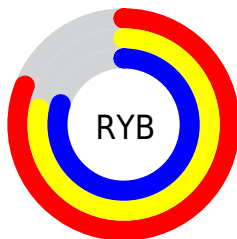
The XYZ color **56.8874, 58.7422, 64.8400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6725, 60.7354, 65.2391**, and the grayscale version is **56.2216, 59.1495, 64.4138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6526, 29.4031, 32.5990** is the 20% darker color. If you saturate the color by 10%, you get **51.2470, 49.3614, 57.1007**, and if you desaturate by 10%, it is **63.2556, 69.4464, 73.2262**.

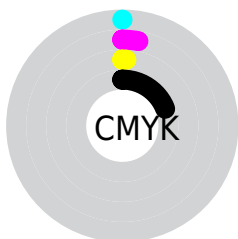
Distribution



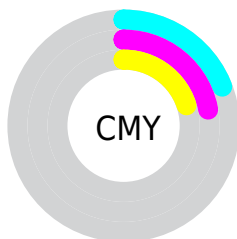
- Red (81%)
- Green (78%)
- Blue (80%)



- Red (81%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8874, 58.7422, 64.8400 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 56.8874, 58.7422, 64.8400 by changing the saturation by 10% instead.

■ 56.8874, 58.7422,
64.8400

■ 56.8874, 58.7422,
64.8400

403.0483,
419.9459, 460.5072

■ 41.1546, 42.4056,
46.8808

99.4332, 103.0029,
113.4309

■ 28.6281, 29.4190,
32.5878

126.9769,
131.6958, 144.8997

■ 18.9426, 19.3980,
21.5423

159.1883,
165.2763, 181.7087

■ 11.7325, 11.9582,
13.3259

196.4328,
204.1287, 224.2766

■ 6.6327, 6.7153,
7.5200

239.0757,
248.6375, 273.0219

■ 3.2778, 3.2847,
3.7060

287.4823,

■ 1.3023, 1.2821,

299.1870, 328.3630

1.4655

342.0180,
356.1617, 390.7186

■ 0.1849, 0.1273,
0.1920

■ 0.0000, 0.0000,
0.0000

■ 56.8874, 58.7422,
64.8400

■ 56.8874, 58.7422,
64.8400

■ 51.2470, 49.3614,
57.1007

■ 63.2556, 69.4464,
73.2262

■ 46.3023, 41.2447,
49.9877

■ 70.3723, 81.5151,
82.2717

■ 42.0262, 34.3395,
43.4846

■ 76.0538, 90.5779,
91.2565

■ 38.3877, 28.5866,
37.5729

■ 77.5775, 91.1874,
99.2803

■ 35.3533, 23.9219,
32.2329

■ 79.1888, 91.8319,
107.7652

■ 32.8863, 20.2747,
27.4435

■ 79.2640, 91.8620,
108.1612

■ 30.9458, 17.5662,
23.1819

■ 29.4848, 15.7056,
19.4229

■ 28.4471, 14.5837,
16.1377

Harmonies

Analogous

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



56.5909, 58.7422, 66.2463



56.8874, 58.7422, 64.8400



56.9000, 58.7422, 63.2207

Triad

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



56.8874, 58.7422, 64.8400



55.5738, 58.7422, 60.9706



55.0475, 58.7422, 66.1465

Complementary

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



56.8874, 58.7422, 64.8400



56.6725, 60.7354, 65.2391

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.



54.7788, 58.7422, 64.7056



56.8874, 58.7422, 64.8400



55.0813, 58.7422, 61.7275

Square

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



56.8874, 58.7422, 64.8400



56.1390, 58.7422, 61.0052



54.7911, 58.7422, 63.0885



55.5275, 58.7422, 67.0092

Rectangle

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



56.8874, 58.7422, 64.8400



56.7456, 58.7422, 62.2394



54.7911, 58.7422, 63.0885



54.9296, 58.7422, 65.7126

Sweetspot

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



56.8891, 58.7447, 64.8413



94.0371, 98.3019, 107.5524



56.4256, 58.4641, 66.7041



20.1385, 21.0585, 23.0349



0.0000, 0.0000, 0.0000



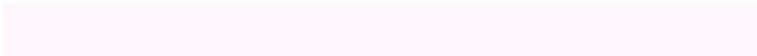
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8891, 58.7447, 64.8413



92.0477, 94.9717, 104.8895



56.5353, 58.6032, 62.9785



12.1379, 12.4645, 13.8123



17.2281, 8.7018, 8.9200



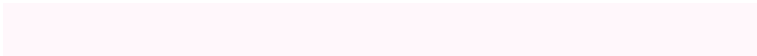
0.9271, 0.4642, 0.6619

Inverse Universe

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



56.8891, 58.7447, 64.8413



92.0477, 94.9717, 104.8895



57.0331, 60.8796, 67.1384



12.1379, 12.4645, 13.8123



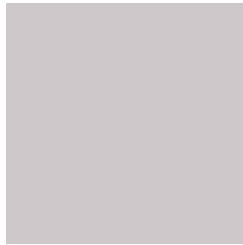
17.2281, 8.7018, 8.9200



0.9271, 0.4642, 0.6619

Previews

White Background



This preview shows how the XYZ color 56.8874, 58.7422, 64.8400 looks on a white background.

Color Contrast Check

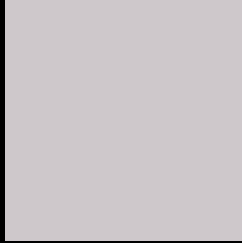
Large Text (above 18pt) WCAG AA × Fail

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 56.8874, 58.7422, 64.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

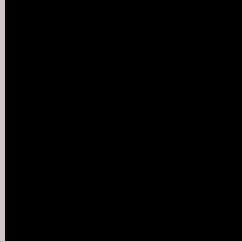
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8874, 58.7422, 64.8400

Background



This preview shows how black text looks on a background with the XYZ color 56.8874, 58.7422, 64.8400.

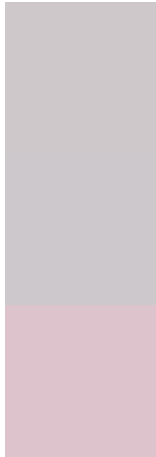


This preview shows how white text looks on a background with the XYZ color 56.8874, 58.7422,

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

56.8874, 58.7422, 64.8400

Protanopia

56.3356, 58.4577, 64.8142

Deuteranopia

59.9294, 58.6055, 65.2801



Tritanopia

58.3441, 58.6531, 71.8644

Trichromacy



Original Color

56.8874, 58.7422, 64.8400

Protanomaly

56.6106, 58.5995, 64.8270

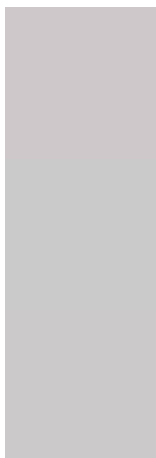
Deuteranomaly

58.8897, 58.7392, 65.3607

Tritanomaly

57.7884, 58.7654, 69.2698

Monochromacy



Original Color

56.8874, 58.7422, 64.8400

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1759, 58.7341, 64.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8874, 58.7422, 64.8400 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(206, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 203)  
}
```

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(206, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.8874, 58.7422, 64.8400 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(206, 200, 203) }
```


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

```
.border{ border-color:rgb(206, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8874, 58.7422, 64.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 203) }
```

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

```
.background{ background-color: rgb(206,  
200, 203) }
```

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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