

Converting Colors

XYZ(55.9948, 58.7835, 62.1485)

Have a look what the booklet for
XYZ(55.9948, 58.7835, 62.1485)
contains.

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Color

**XYZ(56.0973, 58.7342,
62.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C7
RGB	204, 201, 199
RGB Percent	80%, 79%, 78%
CMY	0.2000, 0.2117, 0.2196
CMYK	0.00, 0.01, 0.02, 0.20
HSL	24°, 5%, 79%
HSV	24°, 2%, 80%
XYZ	56.0973, 58.7342, 62.4130
YIQ	201.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

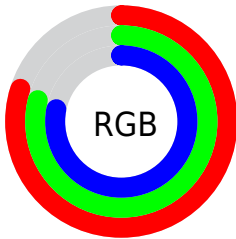
Format	Color
R_{YB}	204, 202, 199
Decimal	13420999
CIE _{Lab}	81.15, 0.68, 1.35
CIE _{LCh}	81, 1.515, 63.353
Y _{xy}	58.7342, 0.3165, 0.3314
Android (android.graphics.Color)	4291611079 (0xFFCCC9C7)
YUV	201.6690, -1.3158, 2.0443
Hunter-Lab	76.6382, -3.4593, 5.3619

Details

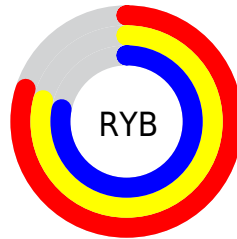
The XYZ color **56.0973, 58.7342, 62.4130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5728, 58.7420, 65.5369**, and the grayscale version is **55.9411, 58.8544, 64.0924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1222, 29.3958, 30.9798** is the 20% darker color. If you saturate the color by 10%, you get **51.1488, 52.3766, 49.8506**, and if you desaturate by 10%, it is **61.5935, 65.6776, 76.7260**.

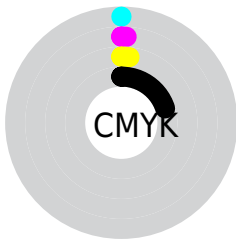
Distribution



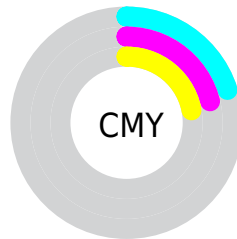
- Red (80%)
- Green (79%)
- Blue (78%)



- Red (80%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0973, 58.7342, 62.4130 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 56.0973, 58.7342, 62.4130 by changing the saturation by 10% instead.

■ 56.0973, 58.7342,
62.4130

■ 56.0973, 58.7342,
62.4130

400.1272,
419.9162, 451.4852

■ 40.5182, 42.3992,
44.9286

98.2858, 102.9913,
109.8996

■ 28.1289, 29.4140,
31.0586

125.6260,
131.6821, 140.7388

■ 18.5638, 19.3942,
20.3846

157.6172,
165.2603, 176.8667

■ 11.4576, 11.9555,
12.4881

194.6249,
204.1103, 218.7018

■ 6.4451, 6.7134,
6.9505

237.0144,
248.6165, 266.6627

■ 3.1608, 3.2835,
3.3532

285.1510,

■ 1.2393, 1.2815,

299.1633, 321.1678

1.2777

339.4002,
356.1351, 382.6358

■ 0.1371, 0.1268,
0.0434

■ 0.0000, 0.0000,
0.0000

■ 56.0973, 58.7342,
62.4130

■ 56.0973, 58.7342,
62.4130

■ 51.1488, 52.3766,
49.8506

■ 61.5935, 65.6776,
76.7260

■ 46.7253, 46.5816,
38.9671

■ 67.6495, 73.2141,
92.8499

■ 42.8097, 41.3356,
29.6916

■ 73.4339, 81.0210,
106.3760

■ 39.3818, 36.6215,
21.9465

■ 77.1087, 88.3705,
107.6009

■ 36.4202, 32.4213,
15.6478

■ 78.7122, 91.5775,
108.1354

■ 33.9017, 28.7157,
10.7034

■ 31.8005, 25.4843,
7.0100

■ 30.0880, 22.7045,
4.4497

■ 28.7304, 20.3514,
2.8810

Harmonies

Analogous

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



56.3328, 58.7342, 63.0022



56.0973, 58.7342, 62.4130



55.7897, 58.7342, 62.2347

Triad

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



56.0973, 58.7342, 62.4130



55.2224, 58.7342, 64.0531



56.1589, 58.7342, 65.4121

Complementary

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



56.0973, 58.7342, 62.4130



55.5728, 58.7420, 65.5369

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.



55.8605, 58.7342, 65.6997



56.0973, 58.7342, 62.4130



55.3205, 58.7342, 64.9104

Square

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



56.0973, 58.7342, 62.4130



55.2853, 58.7342, 63.1764



55.5538, 58.7342, 65.5152



56.3684, 58.7342, 64.7330

Rectangle

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



56.0973, 58.7342, 62.4130



55.5852, 58.7342, 62.3715



55.5538, 58.7342, 65.5152



56.0656, 58.7342, 65.5581

Sweetspot

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



56.0990, 58.7367, 62.4143



94.1565, 98.8657, 106.5902



55.9868, 57.9494, 64.1125



20.1628, 21.1733, 22.8390



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.



56.0990, 58.7367, 62.4143



92.3975, 96.6268, 102.0601



56.6857, 59.9102, 62.6098



12.1949, 12.7343, 13.3507



17.6464, 12.0257, 1.3911



0.9841, 0.7678, 0.0963

Inverse Universe

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



55.5728, 58.7420, 65.5369



91.3212, 96.6375, 108.4475



54.9918, 57.5800, 65.3432



12.0189, 12.7361, 14.3952



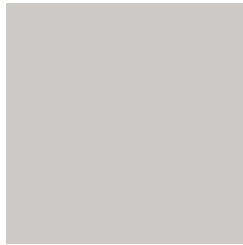
11.3532, 11.7304, 37.6221



0.6588, 0.7513, 1.9652

Previews

White Background



This preview shows how the XYZ color 56.0973, 58.7342, 62.4130 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 56.0973, 58.7342, 62.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

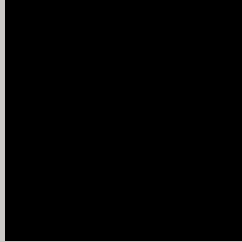
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

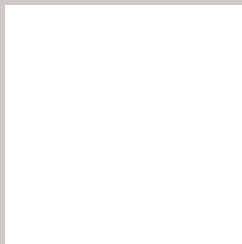
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0973, 58.7342, 62.4130

Background



This preview shows how black text looks on a background with the XYZ color 56.0973, 58.7342, 62.4130.

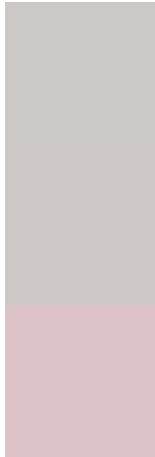


This preview shows how white text looks on a background with the XYZ color 56.0973, 58.7342,

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

56.0973, 58.7342, 62.4130

Protanopia

56.6490, 59.0186, 62.4388

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

58.0146, 58.8237, 71.9147

Trichromacy



Original Color

56.0973, 58.7342, 62.4130

Protanomaly

56.3723, 58.8759, 62.4259

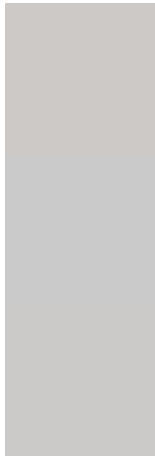
Deuteranomaly

58.4159, 58.5497, 62.8660

Tritanomaly

57.3397, 58.8911, 68.6666

Monochromacy



Original Color

56.0973, 58.7342, 62.4130

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2917, 59.1546, 63.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0973, 58.7342, 62.4130 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(204, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 199)  
}
```

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(204, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.0973, 58.7342, 62.4130 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(204, 201, 199) }
```


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

```
.border{ border-color:rgb(204, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0973, 58.7342, 62.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 199) }
```

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

```
.background{ background-color: rgb(204,  
201, 199) }
```

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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