

Converting Colors

XYZ(57.8738, 56.9018, 64.4362)

Have a look what the booklet for
XYZ(57.8738, 56.9018, 64.4362)
contains.

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Color

**XYZ(57.8738, 56.8988,
64.4322)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CB
RGB	215, 193, 203
RGB Percent	84%, 76%, 80%
CMY	0.1569, 0.2431, 0.2039
CMYK	0.00, 0.10, 0.06, 0.16
HSL	333°, 22%, 80%
HSV	333°, 10%, 84%
XYZ	57.8738, 56.8988, 64.4322
YIQ	200.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

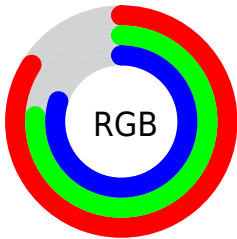
Format	Color
R _Y B	215, 193, 203
Decimal	14139851
CIE Lab	80.12, 9.47, -2.18
CIE LCh	80, 9.717, 347.025
Yxy	56.8988, 0.3229, 0.3175
Android (android.graphics.Color)	4292329931 (0xFFD7C1CB)
YUV	200.7180, 1.1250, 12.5253
Hunter-Lab	75.4313, 4.9473, 2.1573

Details

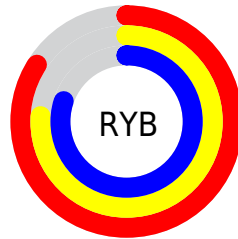
The XYZ color **57.8738, 56.8988, 64.4322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3144, 64.3476, 67.1603**, and the grayscale version is **55.3331, 58.2147, 63.3958**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.1546, 28.1087, 32.3227** is the 20% darker color. If you saturate the color by 10%, you get **52.1171, 47.5378, 55.8762**, and if you desaturate by 10%, it is **64.4305, 67.6890, 73.7781**.

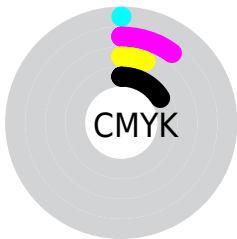
Distribution



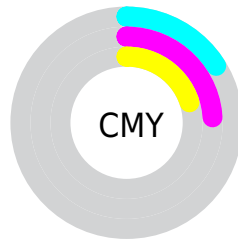
- Red (84%)
- Green (76%)
- Blue (80%)



- Red (84%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8738, 56.8988, 64.4322 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 57.8738, 56.8988, 64.4322 by changing the saturation by 10% instead.


 57.8738, 56.8988,
64.4322

 57.8738, 56.8988,
64.4322

406.6770,
413.0700, 458.9990

 41.9501, 40.9240,
46.5524


 100.8631,
100.3175, 112.8386

 29.2531, 28.2597,
32.3301


128.6593,
128.5302, 144.2023

 19.4176, 18.5215,
21.3469


161.1438,
161.5910, 180.8976

 12.0782, 11.3251,
13.1841

198.6819,
199.8842, 223.3432

 6.8696, 6.2859,
7.4232

241.6389,
243.7944, 271.9576

 3.4263, 3.0197,
3.6457

290.3801,

 1.3830, 1.1420,

293.7058, 327.1594

1.4331

345.2711,
350.0029, 389.3670

■ 0.2441, 0.0136,
0.1673

■ 0.0000, 0.0000,
0.0000

■ 57.8738, 56.8988,
64.4322

■ 57.8738, 56.8988,
64.4322

■ 52.1171, 47.5378,
55.8762

■ 64.4305, 67.6890,
73.7781

■ 47.1235, 39.5382,
48.0841

■ 71.8123, 79.9575,
83.9312

■ 42.8604, 32.8378,
41.0341

■ 79.2451, 92.1514,
94.6451

■ 39.2907, 27.3668,
34.7013

■ 81.0272, 92.8643,
104.0295

■ 36.3743, 23.0485,
29.0596

■ 81.8347, 93.1873,
108.2815

■ 34.0661, 19.7977,
24.0808

■ 32.3155, 17.5171,
19.7338

■ 31.0622, 16.0915,
15.9840

■ 30.2155, 15.3236,
12.8484

Harmonies

Analogous

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



56.9125, 56.8988, 69.6824



57.8738, 56.8988, 64.4322



57.8010, 56.8988, 58.8171

Triad

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



57.8738, 56.8988, 64.4322



52.9742, 56.8988, 52.1067



51.5281, 56.8988, 70.2729

Complementary

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



57.8738, 56.8988, 64.4322



57.3144, 64.3476, 67.1603

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.



50.5234, 56.8988, 65.1987



57.8738, 56.8988, 64.4322



51.3442, 56.8988, 54.8177

Square

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



57.8738, 56.8988, 64.4322



54.9394, 56.8988, 51.9294



50.4569, 56.8988, 59.5385



53.2308, 56.8988, 73.1903

Rectangle

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



57.8738, 56.8988, 64.4322



57.1756, 56.8988, 55.6202



50.4569, 56.8988, 59.5385



51.0993, 56.8988, 68.7493

Sweetspot

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



57.8754, 56.9013, 64.4334



91.9932, 94.9499, 104.6021



56.4411, 55.9902, 72.1232



19.5195, 20.0415, 22.1472



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.



57.8754, 56.9013, 64.4334



83.4810, 80.9776, 92.3554



56.8845, 56.7649, 58.4136



12.6556, 12.5137, 14.1265



18.1243, 9.1861, 7.9587



1.1346, 0.5706, 0.6983

Inverse Universe

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



57.8754, 56.9013, 64.4334



83.4810, 80.9776, 92.3554



58.3740, 64.4734, 73.6588



12.6556, 12.5137, 14.1265



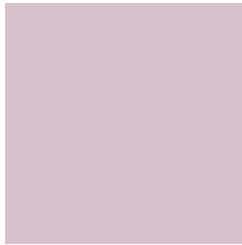
18.1243, 9.1861, 7.9587



1.1346, 0.5706, 0.6983

Previews

White Background



This preview shows how the XYZ color 57.8738, 56.8988, 64.4322 looks on a white background.

Color Contrast Check

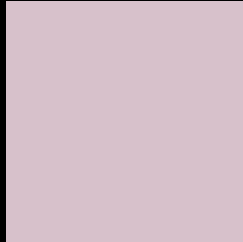
Large Text (above 18pt) WCAG AA × Fail

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 57.8738, 56.8988, 64.4322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

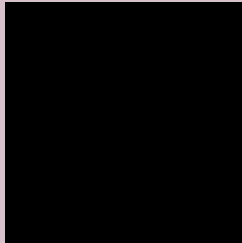
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8738, 56.8988, 64.4322

Background



This preview shows how black text looks on a background with the XYZ color 57.8738, 56.8988, 64.4322.



This preview shows how white text looks on a background with the XYZ color 57.8738, 56.8988,

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

57.8738, 56.8988, 64.4322

Protanopia

55.1541, 57.1238, 66.5116

Deuteranopia

58.1684, 57.0507, 64.4460



Tritanopia

58.4310, 56.8032, 66.9160

Trichromacy



Original Color

57.8738, 56.8988, 64.4322

Protanomaly

55.9362, 56.8668, 65.7858

Deuteranomaly

58.1684, 57.0507, 64.4460

Tritanomaly

58.3091, 56.7544, 66.2740

Monochromacy



Original Color

57.8738, 56.8988, 64.4322

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3084, 57.7742, 64.0609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8738, 56.8988, 64.4322 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, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 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(215, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.8738, 56.8988, 64.4322 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, 193, 203) }
```


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

```
.border{ border-color:rgb(215, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8738, 56.8988, 64.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 203) }
```

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

```
.background{ background-color: rgb(215,  
193, 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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