

Converting Colors

XYZ(58.0443, 58.7901, 62.5391)

Have a look what the booklet for
XYZ(58.0443, 58.7901, 62.5391)
contains.

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Color

**XYZ(57.9435, 58.6578,
62.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C6C7
RGB	213, 198, 199
RGB Percent	84%, 78%, 78%
CMY	0.1647, 0.2235, 0.2196
CMYK	0.00, 0.07, 0.07, 0.16
HSL	356°, 15%, 81%
HSV	356°, 7%, 84%
XYZ	57.9435, 58.6578, 62.3010
YIQ	202.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

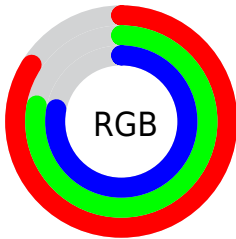
Format	Color
R _Y B	213, 198, 199
Decimal	14010055
CIE Lab	81.10, 5.41, 1.38
CIE LCh	81, 5.586, 14.312
Yxy	58.6578, 0.3239, 0.3279
Android (android.graphics.Color)	4292200135 (0xFFD5C6C7)
YUV	202.5990, -1.7743, 9.1217
Hunter-Lab	76.5884, 1.0158, 5.3823

Details

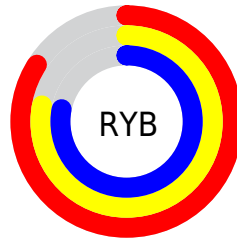
The XYZ color **57.9435, 58.6578, 62.3010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9689, 64.3493, 71.6032**, and the grayscale version is **56.5217, 59.4652, 64.7576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1846, 29.2600, 30.8976** is the 20% darker color. If you saturate the color by 10%, you get **51.2533, 48.7335, 49.4149**, and if you desaturate by 10%, it is **65.6234, 70.0772, 77.0069**.

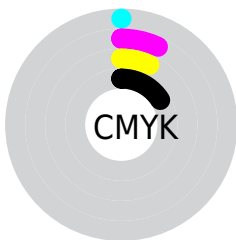
Distribution



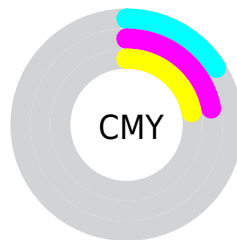
- Red (84%)
- Green (78%)
- Blue (78%)



- Red (84%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9435, 58.6578, 62.3010 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 57.9435, 58.6578, 62.3010 by changing the saturation by 10% instead.

■ 57.9435, 58.6578,
62.3010

■ 57.9435, 58.6578,
62.3010

406.9326,
419.6326, 451.0661

■ 42.0063, 42.3377,
44.8386

100.9640,
102.8801, 109.7363

■ 29.2974, 29.3658,
30.9883

128.7781,
131.5512, 140.5462

■ 19.4513, 19.3577,
20.3315

161.2818,
165.1080, 176.6424

■ 12.1028, 11.9291,
12.4498

198.8405,
203.9350, 218.4434

■ 6.8864, 6.6954,
6.9246

241.8196,
248.4166, 266.3677

■ 3.4369, 3.2723,
3.3372

290.5844,

■ 1.3888, 1.2755,

298.9371, 320.8339

1.2693

345.5003,
355.8810, 382.2605

■ 0.2482, 0.1221,
0.0364

■ 0.0000, 0.0000,
0.0000

■ 57.9435, 58.6578,
62.3010

■ 57.9435, 58.6578,
62.3010

■ 51.2533, 48.7335,
49.4149

■ 65.6234, 70.0772,
77.0069

■ 45.5079, 40.2352,
38.2741

■ 74.3257, 83.0419,
93.5954

■ 40.6661, 33.0997,
28.8048

■ 81.2510, 92.8863,
108.2542

■ 36.6819, 27.2560,
20.9263

■ 33.5051, 22.6270,
14.5512

■ 31.0805, 19.1269,
9.5838

■ 29.3458, 16.6592,
5.9172

■ 28.2286, 15.1109,
3.4295

■ 27.6360, 14.3338,
1.9737

Harmonies

Analogous

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



57.9293, 58.6578, 65.6126



57.9435, 58.6578, 62.3010



57.3650, 58.6578, 59.5058

Triad

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



57.9435, 58.6578, 62.3010



54.2076, 58.6578, 59.4023



55.1511, 58.6578, 70.2229

Complementary

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



57.9435, 58.6578, 62.3010



58.9689, 64.3493, 71.6032

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.



54.1704, 58.6578, 68.4391



57.9435, 58.6578, 62.3010



53.6309, 58.6578, 62.1553

Square

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



57.9435, 58.6578, 62.3010



55.2025, 58.6578, 57.8720



53.6174, 58.6578, 65.4618



56.3061, 58.6578, 70.2653

Rectangle

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



57.9435, 58.6578, 62.3010



56.7257, 58.6578, 58.2788



53.6174, 58.6578, 65.4618



54.7905, 58.6578, 69.8044

Sweetspot

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



57.9451, 58.6604, 62.3023



92.6874, 96.4862, 104.3775



59.3575, 59.1919, 71.2484



19.8637, 20.6888, 22.3885



0.0000, 0.0000, 0.0000



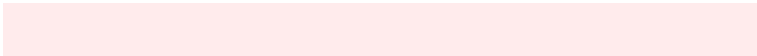
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9451, 58.6604, 62.3023



85.9678, 86.5014, 91.4885



59.3473, 61.6492, 62.2006



12.4564, 12.4341, 13.0776



16.8244, 8.6661, 1.1134



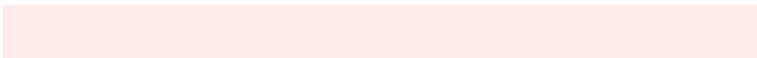
1.0268, 0.5275, 0.1304

Inverse Universe

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



57.9451, 58.6604, 62.3023



85.9678, 86.5014, 91.4885



57.4930, 61.1958, 71.7334



12.4564, 12.4341, 13.0776



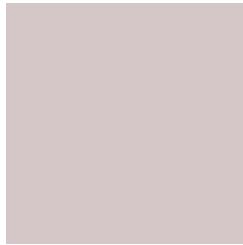
16.8244, 8.6661, 1.1134



1.0268, 0.5275, 0.1304

Previews

White Background



This preview shows how the XYZ color 57.9435, 58.6578, 62.3010 looks on a white background.

Color Contrast Check

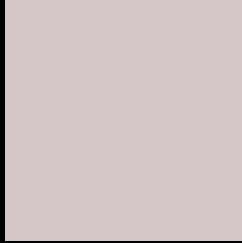
Large Text (above 18pt) WCAG AA × Fail

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 57.9435, 58.6578, 62.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

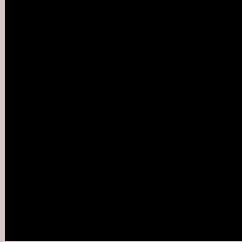
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9435, 58.6578, 62.3010

Background



This preview shows how black text looks on a background with the XYZ color 57.9435, 58.6578, 62.3010.



This preview shows how white text looks on a background with the XYZ color 57.9435, 58.6578,

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

57.9435, 58.6578, 62.3010

Protanopia

56.2564, 58.4578, 62.9620

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

59.5221, 58.6301, 69.8076

Trichromacy



Original Color

57.9435, 58.6578, 62.3010

Protanomaly

56.8612, 58.4269, 62.9242

Deuteranomaly

59.0787, 58.5554, 62.8321

Tritanomaly

58.9603, 58.7336, 67.2607

Monochromacy



Original Color

57.9435, 58.6578, 62.3010

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2794, 59.3030, 64.3048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9435, 58.6578, 62.3010 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(213, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 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(213, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.9435, 58.6578, 62.3010 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(213, 198, 199) }
```


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

```
.border{ border-color:rgb(213, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9435, 58.6578, 62.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 199) }
```

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

```
.background{ background-color: rgb(213,  
198, 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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