

Converting Colors

XYZ(58.9808, 59.2487, 63.0344)

Have a look what the booklet for
XYZ(58.9808, 59.2487, 63.0344)
contains.

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Color

**XYZ(58.9383, 59.1572,
62.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C6C8
RGB	216, 198, 200
RGB Percent	85%, 78%, 78%
CMY	0.1529, 0.2235, 0.2157
CMYK	0.00, 0.08, 0.07, 0.15
HSL	353°, 19%, 81%
HSV	353°, 8%, 85%
XYZ	58.9383, 59.1572, 62.9557
YIQ	203.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

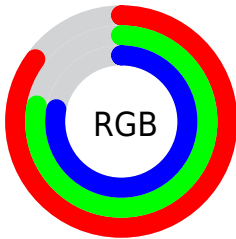
Format	Color
R _Y B	216, 198, 200
Decimal	14206664
CIE Lab	81.38, 6.64, 1.28
CIE LCh	81, 6.762, 10.869
Yxy	59.1572, 0.3255, 0.3267
Android (android.graphics.Color)	4292396744 (0xFFD8C6C8)
YUV	203.6100, -1.7797, 10.8660
Hunter-Lab	76.9137, 2.1840, 5.3093

Details

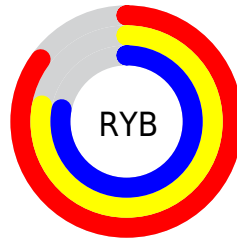
The XYZ color **58.9383, 59.1572, 62.9557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9844, 65.9740, 73.1943**, and the grayscale version is **57.1562, 60.1328, 65.4846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8595, 29.5989, 31.3335** is the 20% darker color. If you saturate the color by 10%, you get **52.2438, 49.1367, 50.3380**, and if you desaturate by 10%, it is **66.6222, 70.7038, 77.2955**.

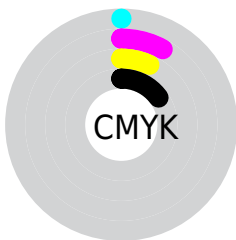
Distribution



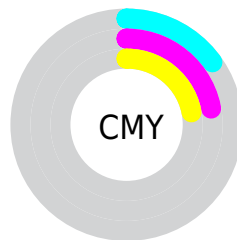
- Red (85%)
- Green (78%)
- Blue (78%)



- Red (85%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9383, 59.1572, 62.9557 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 58.9383, 59.1572, 62.9557 by changing the saturation by 10% instead.

■ 58.9383, 59.1572,
62.9557

■ 58.9383, 59.1572,
62.9557

410.5710,
421.4842, 453.5122

■ 42.8096, 42.7397,
45.3646

102.4031,
103.6061, 110.6906

■ 29.9297, 29.6809,
31.3997

130.4700,
132.4063, 141.6714

■ 19.9330, 19.5965,
20.6424

163.2470,
166.1028, 177.9526

■ 12.4543, 12.1021,
12.6741

201.0994,
205.0800, 219.9526

■ 7.1283, 6.8132,
7.0765

244.3927,
249.7224, 268.0900

■ 3.5895, 3.3456,
3.4308

293.4921,

■ 1.4726, 1.3147,

300.4143, 322.7834

1.3186

348.7631,
357.5401, 384.4513

■ 0.3071, 0.1525,
0.0770

■ 0.0000, 0.0000,
0.0000

■ 58.9383, 59.1572,
62.9557

■ 58.9383, 59.1572,
62.9557

■ 52.2438, 49.1367,
50.3380

■ 66.6222, 70.7038,
77.2955

■ 46.4936, 40.5711,
39.3738

■ 75.3282, 83.8285,
93.4149

■ 41.6466, 33.3950,
29.9956

■ 82.1292, 93.3391,
108.2953

■ 37.6566, 27.5351,
22.1299

■ 34.4735, 22.9113,
15.6972

■ 32.0418, 19.4348,
10.6106

■ 30.2988, 17.0049,
6.7739

■ 29.1717, 15.5033,
4.0780

■ 28.5581, 14.7572,
2.3902

Harmonies

Analogous

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



58.8338, 59.1572, 66.9965



58.9383, 59.1572, 62.9557



58.3072, 59.1572, 59.4527

Triad

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



58.9383, 59.1572, 62.9557



54.4677, 59.1572, 58.7043



55.3413, 59.1572, 72.0483

Complementary

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



58.9383, 59.1572, 62.9557



59.9844, 65.9740, 73.1943

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.



54.1971, 59.1572, 69.6399



58.9383, 59.1572, 62.9557



53.6986, 59.1572, 61.8951

Square

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



58.9383, 59.1572, 62.9557



55.7163, 59.1572, 57.0675



53.6004, 59.1572, 65.8909



56.7411, 59.1572, 72.3614

Rectangle

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



58.9383, 59.1572, 62.9557



57.5604, 59.1572, 57.8503



53.6004, 59.1572, 65.8909



54.9146, 59.1572, 71.4523

Sweetspot

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



58.9400, 59.1598, 62.9570



92.7230, 96.5005, 104.5653



60.2929, 59.6298, 73.2984



19.8709, 20.6917, 22.4267



0.0000, 0.0000, 0.0000



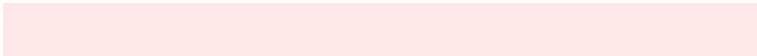
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9400, 59.1598, 62.9570



84.0101, 83.4206, 88.2630



60.3211, 62.2931, 62.2737



12.4787, 12.4430, 13.1951



16.8791, 8.6879, 1.4013



1.0373, 0.5317, 0.1861

Inverse Universe

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



58.9400, 59.1598, 62.9570



84.0101, 83.4206, 88.2630



58.5105, 62.6157, 73.9687



12.4787, 12.4430, 13.1951



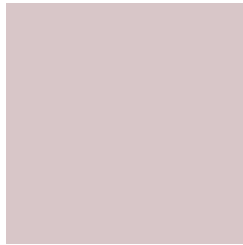
16.8791, 8.6879, 1.4013



1.0373, 0.5317, 0.1861

Previews

White Background



This preview shows how the XYZ color 58.9383, 59.1572, 62.9557 looks on a white background.

Color Contrast Check

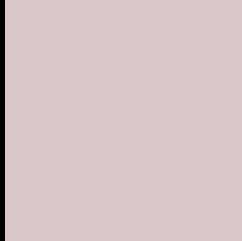
Large Text (above 18pt) WCAG AA × Fail

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 58.9383, 59.1572, 62.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

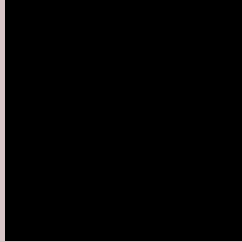
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9383, 59.1572, 62.9557

Background



This preview shows how black text looks on a background with the XYZ color 58.9383, 59.1572, 62.9557.



This preview shows how white text looks on a background with the XYZ color 58.9383, 59.1572,

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

58.9383, 59.1572, 62.9557

Protanopia

57.0009, 59.1594, 64.2917

Deuteranopia

60.2895, 59.1796, 62.8888



Tritanopia

60.5370, 59.1387, 70.5116

Trichromacy



Original Color

58.9383, 59.1572, 62.9557

Protanomaly

57.7752, 59.2272, 63.6453

Deuteranomaly

59.9068, 59.3183, 62.9357

Tritanomaly

59.9667, 59.2383, 67.9481

Monochromacy



Original Color

58.9383, 59.1572, 62.9557

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9124, 59.9628, 65.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9383, 59.1572, 62.9557 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(216, 198, 200) looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 200)  
}
```

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(216, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.9383, 59.1572, 62.9557 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(216, 198, 200) }
```


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

```
.border{ border-color:rgb(216, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9383, 59.1572, 62.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 200) }
```

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

```
.background{ background-color: rgb(216,  
198, 200) }
```

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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