Converting Colors

XYZ(58.9698, 63.9478, 72.8534)

Have a look what the booklet for XYZ(58.9698, 63.9478, 72.8534) contains.

XYZ(58.9698, 63.9478, 72.8534) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

XYZ(58.9698, 63.9478, 72.8534)

Conversions

Format	Color
Hex	C6D4D6
RGB	198, 212, 214
RGB Percent	78%, 83%, 84%
CMY	0.2235, 0.1686, 0.1608
CMYK	0.07, 0.01, 0.00, 0.16
HSL	187°, 16%, 81%
HSV	187°, 7%, 84%
XYZ	58.9698, 63.9478, 72.8534
YIQ	208.0420, -8.9860, -2.3460

Conversions Part 1

Conversions

Conversions Part 2

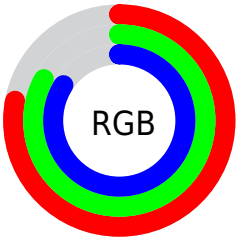
Format	Color
RYB	198, 205, 214
Decimal	13030614
CIELab	83.94, -4.32, -2.62
CIELCh	84, 5.053, 211.235
Yxy	63.9478, 0.3012, 0.3266
Android (android.graphics.Color)	4291220694 (0xFFC6D4D6)
YUV	208.0420, 2.9373, -8.8068
Hunter-Lab	79.9674, -8.3128, 1.9616

Details

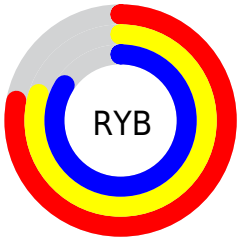
The XYZ color 58.9698, 63.9478, 72.8534 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 58.5791, 59.6814, 61.8594, and the grayscale version is 59.9687, 63.0918, 68.7069.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 29.8166, 32.5464, 37.5115 is the 20% darker color. If you saturate the color by 10%, you get 53.0612, 59.9207, 72.3885, and if you desaturate by 10%, it is 65.6901, 68.4133, 73.3621.

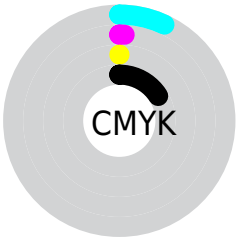
Distribution



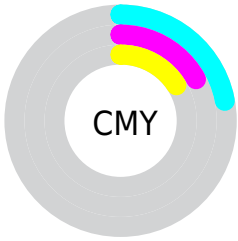
- Red (78%)
- Green (83%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9698, 63.9478, 72.8534 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 58.9698, 63.9478, 72.8534 by changing the saturation by 10% instead.

58.9698, 63.9478, 72.8534

58.9698, 63.9478, 72.8534

410.6858, 439.0011, 489.5637

42.8351, 46.6084, 53.3650

102.4486, 110.5358, 124.9881

29.9497, 32.7262, 37.7045

130.5235, 140.5531, 158.4714

19.9483, 21.9168, 25.4534

163.3091, 175.5652, 197.4568

12.4655, 13.7958, 16.1931

201.1708, 215.9565, 242.3628

7.1360, 7.9787, 9.5050

244.4740, 262.1113, 293.6080

3.5944, 4.0814, 4.9708

293.5840,

1.4753, 1.7192,

314.4141, 351.6108

348.8661, 373.2492, 416.7899

2.1717

0.3090, 0.4360, 0.6580

0.0000, 0.0000, 0.0000

58.9698, 63.9478, 72.8534

58.9698, 63.9478, 72.8534

53.0612, 59.9207, 72.3885

65.6901, 68.4133, 73.3621

47.9255, 56.3066, 71.9616

73.2479, 73.3252, 73.9119

43.5289, 53.0897, 71.5724

78.9753, 77.3101, 74.3792

39.8330, 50.2502, 71.2191

79.6818, 78.7233, 74.6147

36.7958, 47.7664, 70.8998

34.3707, 45.6141, 70.6121

32.5051, 43.7661, 70.3538

31.1371, 42.1906, 70.1218

30.1823, 40.8438, 69.9121

80.3997, 80.1589, 74.8540

81.1288, 81.6172, 75.0970

81.8693, 83.0982, 75.3438

82.6212, 84.6020, 75.5945

83.3845, 86.1286, 75.8489

Harmonies

Analogous

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

58.6669, 63.9478, 69.7604

58.9698, 63.9478, 72.8534

59.7569, 63.9478, 75.1375

Triad

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

58.9698, 63.9478, 72.8534

62.6749, 63.9478, 72.6180

60.7344, 63.9478, 63.6816

Complementary

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

58.9698, 63.9478, 72.8534

58.5791, 59.6814, 61.8594

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.

61.8156, 63.9478, 64.3952

58.9698, 63.9478, 72.8534

62.9441, 63.9478, 69.4964

Square

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

58.9698, 63.9478, 72.8534

61.8964, 63.9478, 74.9987

62.6278, 63.9478, 66.4998

59.6780, 63.9478, 64.5206

Rectangle

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

58.9698, 63.9478, 72.8534

60.4551, 63.9478, 75.8598

62.6278, 63.9478, 66.4998

61.1070, 63.9478, 63.7477

Sweetspot

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

58.9716, 63.9505, 72.8548

92.9958, 98.6401, 108.7458

57.7460, 64.2638, 63.9236

19.9265, 21.1273, 23.2777

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.

58.9716, 63.9505, 72.8548

86.1981, 94.0905, 108.2259

57.0519, 60.1110, 72.2149

12.6538, 13.8310, 15.9402

18.1679, 24.5975, 42.2434

1.1337, 1.5594, 2.5606

Inverse Universe

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

59.8107, 59.4390, 70.6111

87.7030, 86.0383, 104.1932

60.4490, 63.4212, 62.4826

12.8832, 12.6048, 15.3252

22.2292, 10.8280, 29.5745

1.3599, 0.6607, 1.8845

Previews

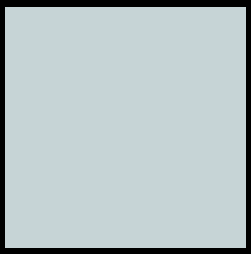
White Background

This preview shows how the XYZ color 58.9698, 63.9478, 72.8534 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



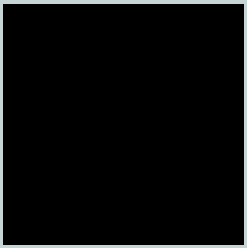
This preview shows how the XYZ color 58.9698, 63.9478, 72.8534 looks on a black background.

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 58.9698, 63.9478, 72.8534 Background



This preview shows how black text looks on a background with the XYZ color 58.9698, 63.9478, 72.8534.

This preview shows how white text looks on a background with the XYZ color 58.9698, 63.9478,

72.8534.

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
58.9698, 63.9478, 72.8534

Protanopia
61.5909, 63.8623, 71.3678

Deuteranopia
65.1146, 63.8385, 73.8559

Tritanopia
60.7311, 63.9186, 81.8097

Trichromacy

Original Color
58.9698, 63.9478, 72.8534

Protanomaly
60.5428, 63.6704, 72.0495

Deuteranomaly
62.6560, 63.6478, 73.2729

Tritanomaly
60.0323, 64.0046, 78.2973

Monochromacy

Original Color
58.9698, 63.9478, 72.8534

Achromatopsia
59.9535, 63.0757, 68.6895

Achromatomaly
59.3352, 63.0914, 70.0233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9698, 63.9478, 72.8534 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(198, 212, 214) looks like.

```
.text, #text, p{
    color:rgb(198, 212, 214)
}
```

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(198, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.9698, 63.9478, 72.8534 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(198, 212, 214) }
```

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

```
.border{ border-color:rgb(198, 212, 214) }
```

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

Here you see how a box with a 4 pixel rgb(198, 212, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 212, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 212, 214); box-shadow:4px 4px 4px 4px rgb(198, 212, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9698, 63.9478, 72.8534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 212, 214) }
```

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

```
.background{ background-color:rgb(198,
212, 214) }
```

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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