

Converting Colors

XYZ(56.7208, 62.0884, 62.7194)

Have a look what the booklet for
XYZ(56.7208, 62.0884, 62.7194)
contains.

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Color

**XYZ(56.7928, 62.3125,
62.4603)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D2C6
RGB	199, 210, 198
RGB Percent	78%, 82%, 78%
CMY	0.2196, 0.1765, 0.2235
CMYK	0.05, 0.00, 0.06, 0.18
HSL	115°, 12%, 80%
HSV	115°, 6%, 82%
XYZ	56.7928, 62.3125, 62.4603
YIQ	205.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

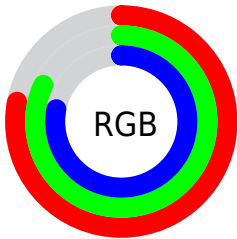
Format	Color
RYB	198, 210, 209
Decimal	13095622
CIELab	83.08, -5.93, 4.65
CIELCh	83, 7.534, 141.922
Yxy	62.3125, 0.3128, 0.3432
Android (android.graphics.Color)	4291285702 (0xFFC7D2C6)
YUV	205.3430, -3.6201, -5.5628
Hunter-Lab	78.9383, -9.7186, 8.3433

Details

The XYZ color **56.7928, 62.3125, 62.4603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1239, 58.5983, 69.2231**, and the grayscale version is **58.2717, 61.3064, 66.7626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5996, 31.8103, 31.0182** is the 20% darker color. If you saturate the color by 10%, you get **49.7479, 58.9433, 50.3507**, and if you desaturate by 10%, it is **64.8233, 66.1546, 76.3718**.

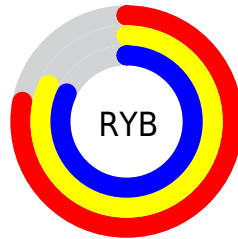
Distribution



Red (78%)

Green (82%)

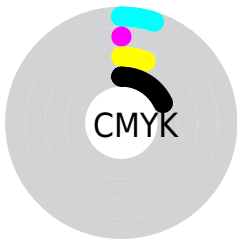
Blue (78%)



Red (78%)

Yellow (82%)

Blue (82%)

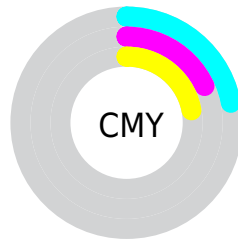


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7928, 62.3125, 62.4603 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 56.7928, 62.3125, 62.4603 by changing the saturation by 10% instead.

■ 56.7928, 62.3125,
62.4603

■ 56.7928, 62.3125,
62.4603

402.6992,
433.0701, 451.6621

■ 41.0784, 45.2853,
44.9665

99.2959, 108.1771,
109.9686

■ 28.5683, 31.6822,
31.0883

126.8153,
137.7831, 140.8201

■ 18.8971, 21.1189,
20.4071

159.0004,
172.3510, 176.9614

■ 11.6995, 13.2109,
12.5043

196.2166,
212.2650, 218.8109

■ 6.6102, 7.5739,
6.9614

238.8292,
257.9095, 266.7872

■ 3.2637, 3.8236,
3.3599

287.2036,

■ 1.2947, 1.5754,

309.6689, 321.3088

1.2812

341.7052,
367.9276, 382.7942

■ 0.1792, 0.3409,
0.0463

■ 0.0000, 0.0000,
0.0000

■ 56.7928, 62.3125,
62.4603

■ 56.7928, 62.3125,
62.4603

■ 49.7479, 58.9433,
50.3507

■ 64.8233, 66.1546,
76.3718

■ 43.6456, 56.0210,
39.9655

■ 73.8700, 70.4785,
92.1504

■ 38.4475, 53.5292,
31.2275

■ 82.3378, 74.5756,
104.6626

■ 34.1104, 51.4477,
24.0521

■ 30.5877, 49.7543,
18.3471

■ 27.8283, 48.4249,
14.0109

■ 25.7753, 47.4327,
10.9287

■ 24.3638, 46.7470,
8.9671

■ 23.5164, 46.3315,
7.9618

Harmonies

Analogous

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



58.0636, 62.3125, 59.8556



56.7928, 62.3125, 62.4603



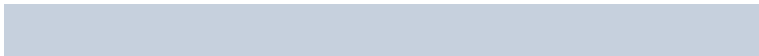
56.1765, 62.3125, 66.5940

Triad

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



56.7928, 62.3125, 62.4603



58.7868, 62.3125, 77.1297



62.1820, 62.3125, 64.5510

Complementary

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



56.7928, 62.3125, 62.4603



58.1239, 58.5983, 69.2231

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.



62.3842, 62.3125, 69.1171



56.7928, 62.3125, 62.4603



60.4042, 62.3125, 76.5213

Square

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



56.7928, 62.3125, 62.4603



57.3139, 62.3125, 75.1625



61.7281, 62.3125, 73.5363



61.1805, 62.3125, 61.0236

Rectangle

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



56.7928, 62.3125, 62.4603



56.2118, 62.3125, 69.7191



61.7281, 62.3125, 73.5363



62.3464, 62.3125, 66.0101

Sweetspot

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



56.7945, 62.3152, 62.4617



92.5405, 98.7999, 104.5532



59.5746, 63.3828, 62.5212



19.8338, 21.1598, 22.4242



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.



56.7945, 62.3152, 62.4617



86.5420, 95.9307, 94.1909



57.1168, 62.4135, 65.5384



12.0430, 13.3946, 13.0620



14.2394, 28.2097, 4.6945



0.8286, 1.5940, 0.2640

Inverse Universe

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



58.1239, 58.5983, 69.2231



89.0728, 88.8544, 107.0637



57.7940, 58.4992, 66.0052



12.4185, 12.3447, 14.9719



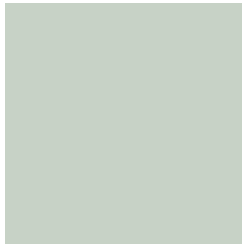
20.4764, 9.7362, 37.9925



1.1742, 0.5595, 2.1257

Previews

White Background



This preview shows how the XYZ color 56.7928, 62.3125, 62.4603 looks on a white background.

Color Contrast Check

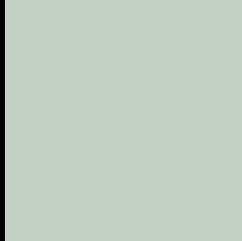
Large Text (above 18pt) WCAG AA × Fail

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 56.7928, 62.3125, 62.4603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

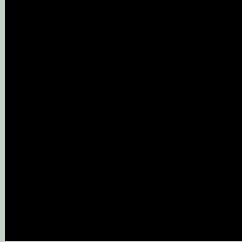
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

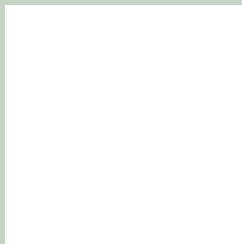
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7928, 62.3125, 62.4603

Background



This preview shows how black text looks on a background with the XYZ color 56.7928, 62.3125, 62.4603.



This preview shows how white text looks on a background with the XYZ color 56.7928, 62.3125, 62.4603.

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

56.7928, 62.3125, 62.4603

Protanopia

59.4757, 62.2743, 61.1100

Deuteranopia

63.3927, 62.1367, 63.2960



Tritanopia

60.0192, 62.1668, 78.6481

Trichromacy



Original Color

56.7928, 62.3125, 62.4603

Protanomaly

58.4033, 62.0668, 61.7252

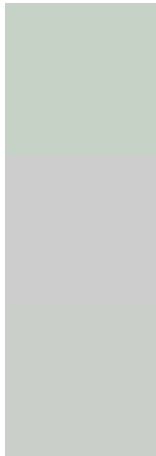
Deuteranomaly

60.8151, 62.2147, 62.8362

Tritanomaly

58.8075, 62.0372, 72.4932

Monochromacy



Original Color

56.7928, 62.3125, 62.4603

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6021, 61.5864, 64.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7928, 62.3125, 62.4603 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(199, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 198)  
}
```

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(199, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.7928, 62.3125, 62.4603 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(199, 210, 198) }
```


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

```
.border{ border-color:rgb(199, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 210, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 210, 198); box-shadow:4px 4px 4px 4px rgb(199, 210, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7928, 62.3125, 62.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 210, 198) }
```

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

```
.background{ background-color: rgb(199,  
210, 198) }
```

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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