

Converting Colors

XYZ(56.7295, 62.3915, 64.9863)

Have a look what the booklet for
XYZ(56.7295, 62.3915, 64.9863)
contains.

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Color

**XYZ(56.7332, 62.2278,
64.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D2CA
RGB	197, 210, 202
RGB Percent	77%, 82%, 79%
CMY	0.2274, 0.1765, 0.2078
CMYK	0.06, 0.00, 0.04, 0.18
HSL	143°, 13%, 80%
HSV	143°, 6%, 82%
XYZ	56.7332, 62.2278, 64.8981
YIQ	205.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

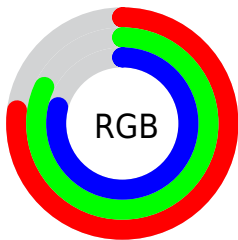
Format	Color
RYB	197, 206, 210
Decimal	12964554
CIELab	83.03, -5.88, 2.43
CIElCh	83, 6.368, 157.522
Yxy	62.2278, 0.3086, 0.3385
Android (android.graphics.Color)	4291154634 (0xFFC5D2CA)
YUV	205.2010, -1.5781, -7.1923
Hunter-Lab	78.8846, -9.6722, 6.4415

Details

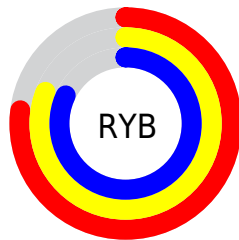
The XYZ color **56.7332, 62.2278, 64.8981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5663, 58.0434, 65.9300**, and the grayscale version is **58.1698, 61.1991, 66.6459**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.5615, 31.7547, 32.6409** is the 20% darker color. If you saturate the color by 10%, you get **50.1461, 59.0033, 56.9333**, and if you desaturate by 10%, it is **64.2181, 65.9039, 73.5767**.

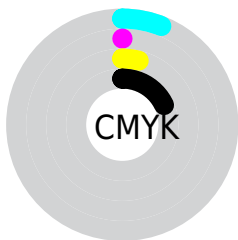
Distribution



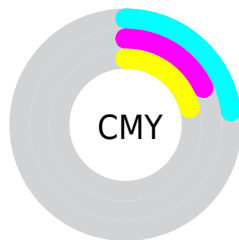
- Red (77%)
- Green (82%)
- Blue (79%)



- Red (77%)
- Yellow (81%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7332, 62.2278, 64.8981 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 56.7332, 62.2278, 64.8981 by changing the saturation by 10% instead.

■ 56.7332, 62.2278,
64.8981

■ 56.7332, 62.2278,
64.8981

402.4792,
432.7615, 460.7219

■ 41.0304, 45.2168,
46.9276

99.2094, 108.0547,
113.5152

■ 28.5306, 31.6282,
32.6245

126.7135,
137.6394, 144.9990

■ 18.8685, 21.0777,
21.5702

158.8820,
172.1841, 181.8242

■ 11.6787, 13.1808,
13.3461

196.0804,
212.0732, 224.4095

■ 6.5960, 7.5532,
7.5338

238.6739,
257.6911, 273.1733

■ 3.2548, 3.8104,
3.7147

287.0280,

■ 1.2899, 1.5681,

309.4222, 328.5343

1.4701

341.5080,
367.6509, 390.9110

■ 0.1756, 0.3359,
0.1955

■ 0.0000, 0.0000,
0.0000

■ 56.7332, 62.2278,
64.8981

■ 56.7332, 62.2278,
64.8981

■ 50.1461, 59.0033,
56.9333

■ 64.2181, 65.9039,
73.5767

■ 44.4168, 56.2048,
49.6602

■ 72.6282, 70.0400,
82.9823

■ 39.5104, 53.8164,
43.0616

■ 80.1318, 73.6932,
93.0457

■ 35.3870, 51.8180,
37.1179

■ 82.1296, 74.4924,
103.5663

■ 32.0036, 50.1878,
31.8086

■ 82.3378, 74.5756,
104.6626

■ 29.3128, 48.9018,
27.1123

■ 27.2613, 47.9330,
23.0059

■ 25.7874, 47.2500,
19.4652

■ 24.8145, 46.8139,
16.4635

Harmonies

Analogous

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



57.5480, 62.2278, 61.9188



56.7332, 62.2278, 64.8981



56.5599, 62.2278, 68.7528

Triad

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



56.7332, 62.2278, 64.8981



59.4929, 62.2278, 75.5528



61.2701, 62.2278, 63.2422

Complementary

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



56.7332, 62.2278, 64.8981



57.5663, 58.0434, 65.9300

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.



61.8090, 62.2278, 66.7679



56.7332, 62.2278, 64.8981



60.7726, 62.2278, 73.9479

Square

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



56.7332, 62.2278, 64.8981



58.1393, 62.2278, 75.0049



61.6256, 62.2278, 70.6956



60.1635, 62.2278, 60.9889

Rectangle

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



56.7332, 62.2278, 64.8981



56.8290, 62.2278, 71.3194



61.6256, 62.2278, 70.6956



61.5244, 62.2278, 64.3124

Sweetspot

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



56.7349, 62.2305, 64.8995



92.6972, 98.8450, 106.1734



58.3084, 63.1089, 61.9321



19.8657, 21.1690, 22.7542



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.



56.7349, 62.2305, 64.8995



87.0664, 96.0828, 99.5559



57.5194, 62.5442, 69.0303



12.1207, 13.4172, 13.8564



15.0040, 28.4945, 9.6671



0.8773, 1.6086, 0.7423

Inverse Universe

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



57.5663, 58.0434, 65.9300



88.5321, 88.7010, 101.3727



56.7992, 57.7366, 61.8907



12.3382, 12.3219, 14.1259



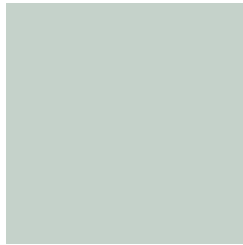
18.6900, 9.3489, 13.8058



1.0832, 0.5380, 0.9728

Previews

White Background



This preview shows how the XYZ color 56.7332, 62.2278, 64.8981 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 56.7332, 62.2278, 64.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

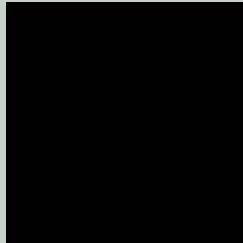
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

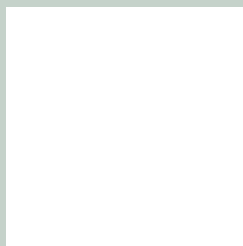
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7332, 62.2278, 64.8981

Background



This preview shows how black text looks on a background with the XYZ color 56.7332, 62.2278, 64.8981.

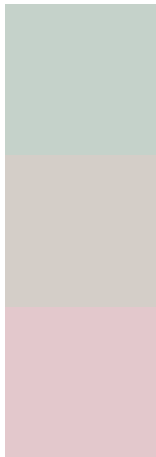


This preview shows how white text looks on a background with the XYZ color 56.7332, 62.2278,

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

56.7332, 62.2278, 64.8981

Protanopia

59.6480, 62.3098, 63.5268

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

59.4515, 62.2327, 78.6907

Trichromacy



Original Color

56.7332, 62.2278, 64.8981

Protanomaly

58.5876, 62.1081, 64.1585

Deuteranomaly

60.6913, 62.0965, 65.2870

Tritanomaly

58.3748, 62.1602, 73.2114

Monochromacy



Original Color

56.7332, 62.2278, 64.8981

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5690, 61.5418, 65.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7332, 62.2278, 64.8981 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(197, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 202)  
}
```

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(197, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.7332, 62.2278, 64.8981 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(197, 210, 202) }
```


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

```
.border{ border-color:rgb(197, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 210,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7332, 62.2278, 64.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 202) }
```

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

```
.background{ background-color: rgb(197,  
210, 202) }
```

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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