

Converting Colors

XYZ(56.2044, 56.9118, 72.0754)

Have a look what the booklet for
XYZ(56.2044, 56.9118, 72.0754)
contains.

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Color

**XYZ(56.0931, 56.8037,
72.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4D7
RGB	201, 196, 215
RGB Percent	79%, 77%, 84%
CMY	0.2118, 0.2314, 0.1569
CMYK	0.07, 0.09, 0.00, 0.16
HSL	256°, 19%, 81%
HSV	256°, 9%, 84%
XYZ	56.0931, 56.8037, 72.2978
YIQ	199.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

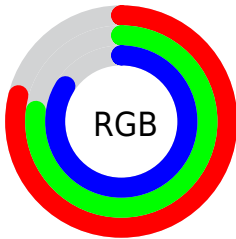
Format	Color
R _Y B	201, 196, 215
Decimal	13223127
CIE Lab	80.07, 5.31, -8.85
CIE LCh	80, 10.316, 300.965
Yxy	56.8037, 0.3029, 0.3067
Android (android.graphics.Color)	4291413207 (0xFFC9C4D7)
YUV	199.6610, 7.5621, 1.1743
Hunter-Lab	75.3682, 0.9549, -4.1168

Details

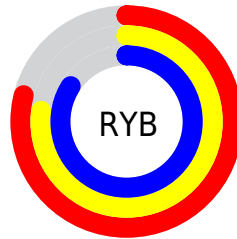
The XYZ color **56.0931, 56.8037, 72.2978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8447, 66.2896, 61.8157**, and the grayscale version is **54.6491, 57.4951, 62.6122**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.0508, 28.0871, 37.2006** is the 20% darker color. If you saturate the color by 10%, you get **47.5452, 45.7077, 70.6074**, and if you desaturate by 10%, it is **65.7787, 69.5209, 74.2429**.

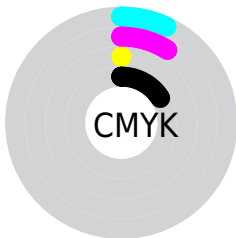
Distribution



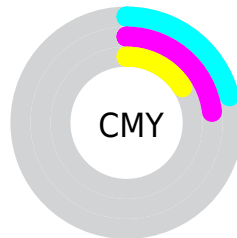
- Red (79%)
- Green (77%)
- Blue (84%)



- Red (79%)
- Yellow (77%)
- Blue (84%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0931, 56.8037, 72.2978 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 56.0931, 56.8037, 72.2978 by changing the saturation by 10% instead.

■ 56.0931, 56.8037,
72.2978

■ 56.0931, 56.8037,
72.2978

400.1116,
412.7133, 487.5828

■ 40.5149, 40.8477,
52.9137

98.2797, 100.1787,
124.1915

■ 28.1262, 28.2001,
37.3466

125.6188,
128.3665, 157.5381

■ 18.5618, 18.4765,
25.1781

157.6089,
161.4002, 196.3760

■ 11.4562, 11.2926,
15.9895

194.6153,
199.6644, 241.1236

■ 6.4441, 6.2640,
9.3625

237.0034,
243.5435, 292.1996

■ 3.1602, 3.0063,
4.8783

285.1386,

■ 1.2390, 1.1350,

293.4217, 350.0224

2.1186

339.3862,
349.6835, 415.0107

■ 0.1368, 0.0076,
0.6268

■ 0.0000, 0.0000,
0.0000

■ 56.0931, 56.8037,
72.2978

■ 56.0931, 56.8037,
72.2978

■ 47.5452, 45.7077,
70.6074

■ 65.7787, 69.5209,
74.2429

■ 40.0872, 36.1599,
69.1576

■ 76.6373, 83.9140,
76.4487

■ 33.6755, 28.0927,
67.9384

■ 86.9275, 96.4809,
78.3320

■ 28.2613, 21.4303,
66.9378

■ 89.2659, 97.6864,
78.4414

■ 23.7919, 16.0903,
66.1427

■ 20.2093, 11.9813,
65.5384

■ 17.4488, 9.0000,
65.1084

■ 15.4356, 7.0254,
64.8334

■ 14.0614, 5.8723,
64.6832

Harmonies

Analogous

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



54.0582, 56.8037, 74.1390



56.0931, 56.8037, 72.2978



57.5957, 56.8037, 67.6298

Triad

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



56.0931, 56.8037, 72.2978



55.9725, 56.8037, 52.2857



50.0552, 56.8037, 62.0444

Complementary

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



56.0931, 56.8037, 72.2978



60.8447, 66.2896, 61.8157

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.



50.5384, 56.8037, 56.4085



56.0931, 56.8037, 72.2978



53.9223, 56.8037, 50.9993

Square

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



56.0931, 56.8037, 72.2978



57.5248, 56.8037, 56.0921



51.9406, 56.8037, 52.4598



50.6035, 56.8037, 67.9881

Rectangle

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



56.0931, 56.8037, 72.2978



58.0742, 56.8037, 63.6823



51.9406, 56.8037, 52.4598



50.1023, 56.8037, 60.0524

Sweetspot

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



56.0948, 56.8061, 72.2990



90.6141, 94.1622, 108.0070



58.1410, 62.8606, 73.3598



19.1471, 19.8287, 23.0681



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.



56.0948, 56.8061, 72.2990



79.5450, 79.6789, 105.7948



58.6571, 58.1270, 72.4190



12.0459, 12.1651, 15.6507



8.4160, 3.4911, 38.6834



0.5859, 0.2509, 2.3369

Inverse Universe

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



59.3991, 58.5826, 69.1525



85.5800, 82.9247, 99.9949



58.2864, 64.9707, 61.6960



12.8071, 12.5743, 14.9242



20.5219, 10.1451, 20.5843



1.2710, 0.6252, 1.4164

Previews

White Background



This preview shows how the XYZ color 56.0931, 56.8037, 72.2978 looks on a white background.

Color Contrast Check

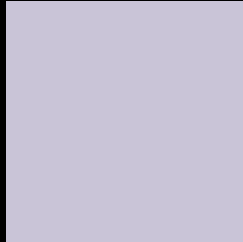
Large Text (above 18pt) WCAG AA × Fail

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 56.0931, 56.8037, 72.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

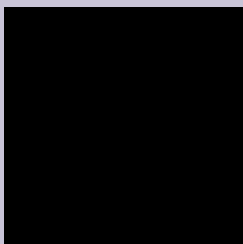
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

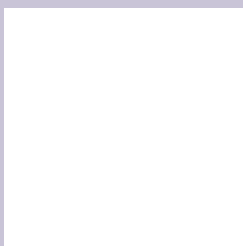
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0931, 56.8037, 72.2978

Background



This preview shows how black text looks on a background with the XYZ color 56.0931, 56.8037, 72.2978.

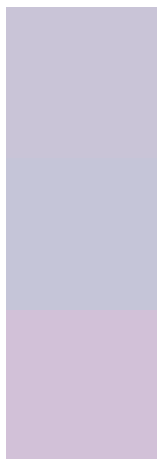


This preview shows how white text looks on a background with the XYZ color 56.0931, 56.8037,

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

56.0931, 56.8037, 72.2978

Protanopia

55.3869, 56.7607, 73.0025

Deuteranopia

58.0430, 56.7994, 72.8699



Tritanopia

55.7110, 56.6508, 70.2858

Trichromacy



Original Color

56.0931, 56.8037, 72.2978

Protanomaly

55.6496, 56.8961, 73.0147

Deuteranomaly

57.4186, 56.8068, 72.9043

Tritanomaly

55.8376, 56.7015, 70.9523

Monochromacy



Original Color

56.0931, 56.8037, 72.2978

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2623, 57.5340, 65.9501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0931, 56.8037, 72.2978 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(201, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 215)  
}
```

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(201, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.0931, 56.8037, 72.2978 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(201, 196, 215) }
```


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

```
.border{ border-color:rgb(201, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0931, 56.8037, 72.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 215) }
```

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

```
.background{ background-color: rgb(201,  
196, 215) }
```

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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