

Converting Colors

XYZ(56.1468, 55.9349, 71.9349)

Have a look what the booklet for
XYZ(56.1468, 55.9349, 71.9349)
contains.

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Color

**XYZ(56.2375, 55.8836,
72.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC1D7
RGB	204, 193, 215
RGB Percent	80%, 76%, 84%
CMY	0.2000, 0.2431, 0.1569
CMYK	0.05, 0.10, 0.00, 0.16
HSL	270°, 22%, 80%
HSV	270°, 10%, 84%
XYZ	56.2375, 55.8836, 72.1126
YIQ	198.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

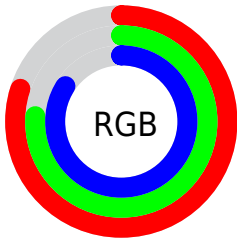
Format	Color
R_{YB}	204, 193, 215
Decimal	13418967
CIE _{Lab}	79.55, 7.92, -9.60
CIE _{LCh}	80, 12.439, 309.518
Yxy	55.8836, 0.3053, 0.3033
Android (android.graphics.Color)	4291609047 (0xFFCCC1D7)
YUV	198.7970, 7.9881, 4.5630
Hunter-Lab	74.7553, 3.4615, -4.8653

Details

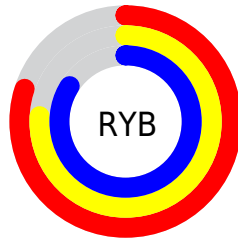
The XYZ color **56.2375, 55.8836, 72.1126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8301, 65.2901, 59.9565**, and the grayscale version is **54.1164, 56.9347, 62.0018**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.3009, 27.7783, 37.1278** is the 20% darker color. If you saturate the color by 10%, you get **48.9803, 45.5935, 70.5098**, and if you desaturate by 10%, it is **64.3924, 67.6652, 73.9577**.

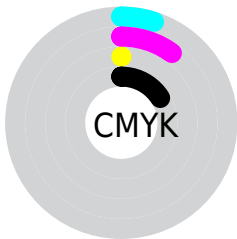
Distribution



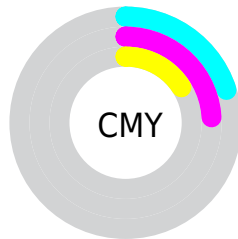
- Red (80%)
- Green (76%)
- Blue (84%)



- Red (80%)
- Yellow (76%)
- Blue (84%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2375, 55.8836, 72.1126 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 56.2375, 55.8836, 72.1126 by changing the saturation by 10% instead.

■ 56.2375, 55.8836,
72.1126

■ 56.2375, 55.8836,
72.1126

400.6465,
409.2527, 486.9215

■ 40.6311, 40.1096,
52.7633

■ 98.4895, 98.8344,
123.9258

■ 28.2174, 27.6240,
37.2274

125.8659,
126.7799, 157.2268

■ 18.6309, 18.0424,
25.0864

157.8963,
159.5515, 196.0154

■ 11.5063, 10.9805,
15.9219

194.9461,
197.5334, 240.7101

■ 6.4782, 6.0537,
9.3151

237.3807,
241.1101, 291.7295

■ 3.1814, 2.8778,
4.8477

285.5654,

■ 1.2504, 1.0682,

290.6659, 349.4922

2.1010

339.8655,
346.5853, 414.4167

■ 0.1456, 0.0000,
0.6164

■ 0.0000, 0.0000,
0.0000

■ 56.2375, 55.8836,
72.1126

■ 56.2375, 55.8836,
72.1126

■ 48.9803, 45.5935,
70.5098

■ 64.3924, 67.6652,
73.9577

■ 42.5822, 36.7263,
69.1354

■ 73.4718, 80.9890,
76.0509

■ 37.0086, 29.2186,
67.9801

■ 82.7032, 94.3032,
78.1343

■ 32.2209, 22.9991,
67.0319

■ 86.3866, 96.2020,
78.3067

■ 28.1766, 17.9901,
66.2782

■ 89.2659, 97.6864,
78.4414

■ 24.8291, 14.1049,
65.7048

■ 22.1255, 11.2450,
65.2952

■ 20.0036, 9.2935,
65.0304

■ 18.3877, 8.0622,
64.8779

Harmonies

Analogous

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



53.9155, 55.8836, 75.4796



56.2375, 55.8836, 72.1126



57.7532, 55.8836, 65.7996

Triad

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



56.2375, 55.8836, 72.1126



54.8177, 55.8836, 48.8270



48.5089, 55.8836, 63.1555

Complementary

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



56.2375, 55.8836, 72.1126



58.8301, 65.2901, 59.9565

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.



48.7333, 55.8836, 56.1507



56.2375, 55.8836, 72.1126



52.3238, 55.8836, 48.2407

Square

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



56.2375, 55.8836, 72.1126



56.9158, 55.8836, 52.4914



50.1116, 55.8836, 50.8217



49.4886, 55.8836, 70.0469

Rectangle

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



56.2375, 55.8836, 72.1126



58.0753, 55.8836, 60.9639



50.1116, 55.8836, 50.8217



48.4468, 55.8836, 60.7318

Sweetspot

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



56.2391, 55.8860, 72.1138



91.2644, 94.4974, 108.0374



55.9403, 59.6061, 72.8476



19.3223, 19.9191, 23.0763



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.



56.2391, 55.8860, 72.1138



80.6459, 79.2190, 105.6480



59.2541, 57.4403, 72.2549



12.3282, 12.3106, 15.6639



11.1202, 4.8852, 38.8100



0.7662, 0.3439, 2.3453

Inverse Universe

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



57.9954, 56.9492, 65.0654



83.6873, 81.0602, 93.4419



56.0141, 63.8384, 59.8247



12.6797, 12.5234, 14.2533



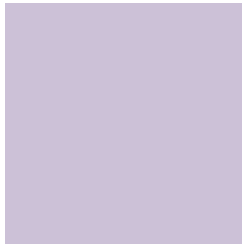
18.4191, 9.3040, 9.5110



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 56.2375, 55.8836, 72.1126 looks on a white background.

Color Contrast Check

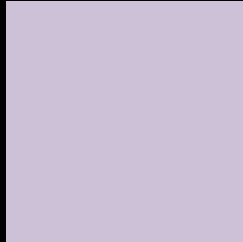
Large Text (above 18pt) WCAG AA × Fail

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 56.2375, 55.8836, 72.1126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

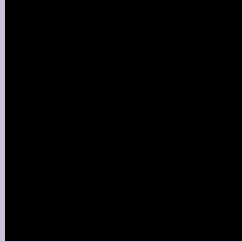
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2375, 55.8836, 72.1126

Background



This preview shows how black text looks on a background with the XYZ color 56.2375, 55.8836, 72.1126.



This preview shows how white text looks on a background with the XYZ color 56.2375, 55.8836,

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

56.2375, 55.8836, 72.1126

Protanopia

54.7700, 56.0917, 73.5857

Deuteranopia

57.1278, 56.0155, 72.0911



Tritanopia

55.4290, 55.8835, 68.1868

Trichromacy



Original Color

56.2375, 55.8836, 72.1126

Protanomaly

55.1985, 55.9938, 72.8644

Deuteranomaly

56.8475, 55.8710, 72.0780

Tritanomaly

55.6783, 55.9832, 69.4993

Monochromacy



Original Color

56.2375, 55.8836, 72.1126

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0731, 56.7578, 65.8103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2375, 55.8836, 72.1126 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(204, 193, 215) looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 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(204, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.2375, 55.8836, 72.1126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

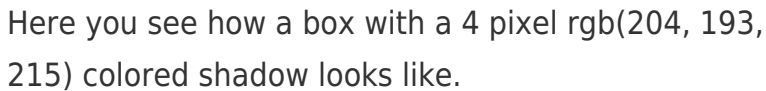
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 193, 215) }
```


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

```
.border{ border-color:rgb(204, 193, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2375, 55.8836, 72.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 215) }
```

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

```
.background{ background-color: rgb(204,  
193, 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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