

Converting Colors

XYZ(55.3912, 55.5422, 71.9073)

Have a look what the booklet for
XYZ(55.3912, 55.5422, 71.9073)
contains.

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Color

**XYZ(55.4231, 55.4637,
72.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C1D7
RGB	201, 193, 215
RGB Percent	79%, 76%, 84%
CMY	0.2118, 0.2431, 0.1569
CMYK	0.07, 0.10, 0.00, 0.16
HSL	262°, 22%, 80%
HSV	262°, 10%, 84%
XYZ	55.4231, 55.4637, 72.0744
YIQ	197.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

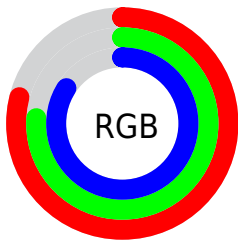
Format	Color
R_{YB}	201, 193, 215
Decimal	13222359
CIE _{Lab}	79.31, 6.91, -9.98
CIE _{LCh}	79, 12.140, 304.714
Yxy	55.4637, 0.3029, 0.3031
Android (android.graphics.Color)	4291412439 (0xFFC9C1D7)
YUV	197.9000, 8.4303, 2.7187
Hunter-Lab	74.4740, 2.5093, -5.2479

Details

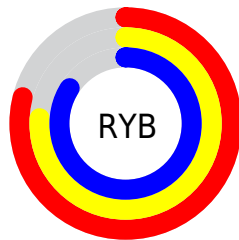
The XYZ color **55.4231, 55.4637, 72.0744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6601, 65.7179, 59.9951**, and the grayscale version is **53.5686, 56.3583, 61.3742**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.7559, 27.4973, 37.1023** is the 20% darker color. If you saturate the color by 10%, you get **47.4958, 44.8281, 70.4402**, and if you desaturate by 10%, it is **64.3724, 67.6548, 73.9567**.

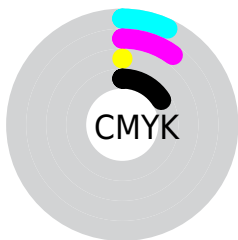
Distribution



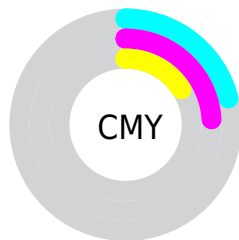
- Red (79%)
- Green (76%)
- Blue (84%)



- Red (79%)
- Yellow (76%)
- Blue (84%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4231, 55.4637, 72.0744 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 55.4231, 55.4637, 72.0744 by changing the saturation by 10% instead.

■ 55.4231, 55.4637,
72.0744

■ 55.4231, 55.4637,
72.0744

397.6241,
407.6673, 486.7850

■ 39.9758, 39.7731,
52.7322

■ 97.3053, 98.2200,
123.8710

■ 27.7038, 27.3617,
37.2028

124.4709,
126.0545, 157.1625

■ 18.2418, 17.8450,
25.0675

156.2732,
158.7058, 195.9409

■ 11.2245, 10.8388,
15.9079

193.0777,
196.5582, 240.6248

■ 6.2864, 5.9585,
9.3054

235.2497,
239.9962, 291.6325

■ 3.0623, 2.8199,
4.8414

283.1545,

■ 1.1868, 1.0384,

289.4041, 349.3828

2.0974

337.1575,
345.1663, 414.2941

■ 0.0959, 0.0000,
0.6142

■ 0.0000, 0.0000,
0.0000

■ 55.4231, 55.4637,
72.0744

■ 55.4231, 55.4637,
72.0744

■ 47.4958, 44.8281,
70.4402

■ 64.3724, 67.6548,
73.9567

■ 40.5473, 35.6772,
69.0401

■ 74.3747, 81.4544,
76.0931

■ 34.5385, 27.9452,
67.8644

■ 84.6617, 95.3128,
78.2259

■ 29.4258, 21.5582,
66.9010

■ 89.2659, 97.6864,
78.4413

■ 25.1616, 16.4358,
66.1371

■ 21.6937, 12.4885,
65.5579

■ 18.9632, 9.6147,
65.1472

■ 16.9014, 7.6942,
64.8851

■ 15.4215, 6.5331,
64.7390

Harmonies

Analogous

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



53.1016, 55.4637, 74.7361



55.4231, 55.4637, 72.0744



57.0562, 55.4637, 66.2899

Triad

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



55.4231, 55.4637, 72.0744



54.7381, 55.4637, 49.0788



48.1947, 55.4637, 61.4972

Complementary

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



55.4231, 55.4637, 72.0744



59.6601, 65.7179, 59.9951

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.



48.6028, 55.4637, 54.8520



55.4231, 55.4637, 72.0744



52.3334, 55.4637, 48.0093

Square

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



55.4231, 55.4637, 72.0744



56.6523, 55.4637, 53.0845



50.0996, 55.4637, 50.0430



48.9675, 55.4637, 68.3380

Rectangle

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



55.4231, 55.4637, 72.0744



57.5085, 55.4637, 61.6320



50.0996, 55.4637, 50.0430



48.1985, 55.4637, 59.1658

Sweetspot

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



55.4247, 55.4661, 72.0756



90.8893, 94.3041, 108.0199



56.6455, 61.0167, 73.0827



19.2212, 19.8669, 23.0716



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.



55.4247, 55.4661, 72.0756



79.2479, 78.4983, 105.5826



58.4023, 57.0011, 72.2150



12.1646, 12.2263, 15.6563



9.3302, 3.9624, 38.7262



0.6521, 0.2851, 2.3400

Inverse Universe

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



58.3586, 57.0944, 66.9785



84.3134, 81.3106, 96.7391



56.7710, 64.2285, 59.8599



12.7525, 12.5525, 14.6370



19.5080, 9.7395, 15.2450



1.2157, 0.6031, 1.1254

Previews

White Background



This preview shows how the XYZ color 55.4231, 55.4637, 72.0744 looks on a white background.

Color Contrast Check

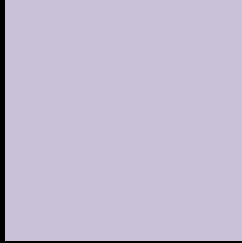
Large Text (above 18pt) WCAG AA × Fail

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 55.4231, 55.4637, 72.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

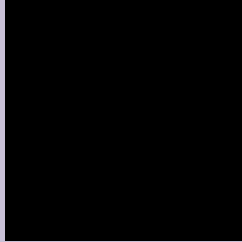
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4231, 55.4637, 72.0744

Background



This preview shows how black text looks on a background with the XYZ color 55.4231, 55.4637, 72.0744.



This preview shows how white text looks on a background with the XYZ color 55.4231, 55.4637,

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

55.4231, 55.4637, 72.0744

Protanopia

54.1579, 55.4574, 72.8157

Deuteranopia

56.6287, 55.4333, 72.0050



Tritanopia

54.6198, 55.4664, 68.1489

Trichromacy



Original Color

55.4231, 55.4637, 72.0744

Protanomaly

54.7124, 55.4118, 72.7776

Deuteranomaly

56.2922, 55.5847, 72.0520

Tritanomaly

54.8691, 55.5661, 69.4614

Monochromacy



Original Color

55.4231, 55.4637, 72.0744

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.1922, 55.9816, 65.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4231, 55.4637, 72.0744 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, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.4231, 55.4637, 72.0744 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, 193, 215) }
```


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

```
.border{ border-color:rgb(201, 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(201, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4231, 55.4637, 72.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 215) }
```

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

```
.background{ background-color: rgb(201,  
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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