

Converting Colors

XYZ(54.2352, 55.0431, 72.0138)

Have a look what the booklet for
XYZ(54.2352, 55.0431, 72.0138)
contains.

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Color

**XYZ(54.3225, 55.2256,
72.0865)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C2D7
RGB	196, 194, 215
RGB Percent	77%, 76%, 84%
CMY	0.2314, 0.2392, 0.1569
CMYK	0.09, 0.10, 0.00, 0.16
HSL	246°, 21%, 80%
HSV	246°, 10%, 84%
XYZ	54.3225, 55.2256, 72.0865
YIQ	196.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

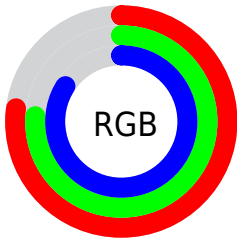
Format	Color
R _Y B	196, 194, 215
Decimal	12894935
CIE Lab	79.17, 4.72, -10.22
CIE LCh	79, 11.261, 294.774
Yxy	55.2256, 0.2991, 0.3040
Android (android.graphics.Color)	4291085015 (0xFFC4C2D7)
YUV	196.9920, 8.8779, -0.8700
Hunter-Lab	74.3139, 0.4318, -5.4931

Details

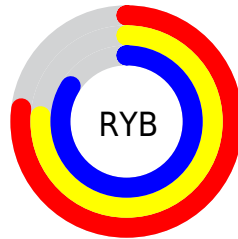
The XYZ color **54.3225, 55.2256, 72.0865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4805, 66.6435, 60.6646**, and the grayscale version is **53.0180, 55.7790, 60.7434**.

A 20% lighter version of the original color is **92.7436, 96.4739, 108.3409**, and **26.8786, 27.0450, 37.0613** is the 20% darker color. If you saturate the color by 10%, you get **45.1431, 43.8978, 70.3847**, and if you desaturate by 10%, it is **64.8537, 68.2809, 74.0522**.

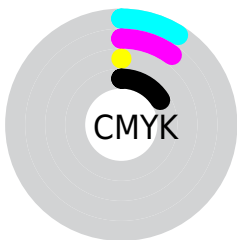
Distribution



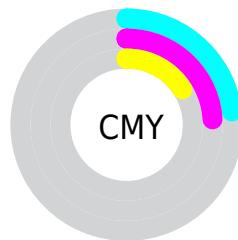
- Red (77%)
- Green (76%)
- Blue (84%)



- Red (77%)
- Yellow (76%)
- Blue (84%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3225, 55.2256, 72.0865 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 54.3225, 55.2256, 72.0865 by changing the saturation by 10% instead.

■ 54.3225, 55.2256,
72.0865

■ 54.3225, 55.2256,
72.0865

393.5169,
406.7665, 486.8282

■ 39.0912, 39.5824,
52.7421

■ 95.7017, 97.8714,
123.8884

■ 27.0118, 27.2131,
37.2106

122.5804,
125.6428, 157.1829

■ 17.7187, 17.7333,
25.0735

154.0723,
158.2257, 195.9645

■ 10.8467, 10.7587,
15.9123

190.5427,
196.0045, 240.6518

■ 6.0304, 5.9048,
9.3084

232.3570,
239.3636, 291.6633

■ 2.9044, 2.7873,
4.8434

279.8806,

■ 1.1034, 1.0217,

288.6873, 349.4175

2.0985

333.4788,
344.3602, 414.3330

■ 0.0280, 0.0000,
0.6149

■ 0.0000, 0.0000,
0.0000

■ 54.3225, 55.2256,
72.0865

■ 54.3225, 55.2256,
72.0865

■ 45.1431, 43.8978,
70.3847

■ 64.8537, 68.2809,
74.0522

■ 37.2559, 34.2183,
68.9321

■ 76.7831, 83.1245,
76.2886

■ 30.6041, 26.1124,
67.7180

■ 89.0331, 97.5663,
78.4305

■ 25.1250, 19.4967,
66.7299

■ 89.2659, 97.6864,
78.4414

■ 20.7500, 14.2800,
65.9535

■ 17.4037, 10.3614,
65.3735

■ 15.0008, 7.6260,
64.9722

■ 13.4422, 5.9388,
64.7287

■ 12.5787, 5.0757,
64.6076

Harmonies

Analogous

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



52.0975, 55.2256, 73.3211



54.3225, 55.2256, 72.0865



56.1011, 55.2256, 67.5583

Triad

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



54.3225, 55.2256, 72.0865



55.0233, 55.2256, 50.5750



48.3023, 55.2256, 59.0107

Complementary

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



54.3225, 55.2256, 72.0865



61.4805, 66.6435, 60.6646

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.



49.0378, 55.2256, 53.2696



54.3225, 55.2256, 72.0865



52.8850, 55.2256, 48.6265

Square

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



54.3225, 55.2256, 72.0865



56.5137, 55.2256, 55.0916



50.6997, 55.2256, 49.5768



48.6625, 55.2256, 65.4693

Rectangle

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



54.3225, 55.2256, 72.0865



56.7726, 55.2256, 63.4415



50.6997, 55.2256, 49.5768



48.4289, 55.2256, 56.9382

Sweetspot

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



54.3241, 55.2279, 72.0877



90.1569, 93.9265, 107.9856



58.3728, 64.0914, 73.5852



19.0242, 19.7654, 23.0624



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.



54.3241, 55.2279, 72.0877



76.5901, 77.1281, 105.4582



57.0825, 56.6499, 72.2168



11.8511, 12.0646, 15.6416



7.5544, 3.0470, 38.6431



0.4941, 0.2036, 2.3326

Inverse Universe

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



59.3282, 57.8371, 70.9900



85.5881, 81.8205, 103.4513



58.6003, 65.1587, 60.5299



12.8997, 12.6114, 15.4121



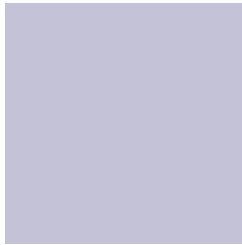
22.6445, 10.9941, 31.7614



1.3810, 0.6692, 1.9955

Previews

White Background



This preview shows how the XYZ color 54.3225, 55.2256, 72.0865 looks on a white background.

Color Contrast Check

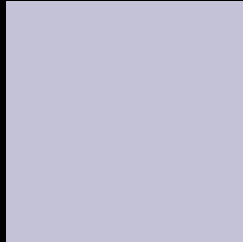
Large Text (above 18pt) WCAG AA × Fail

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 54.3225, 55.2256, 72.0865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

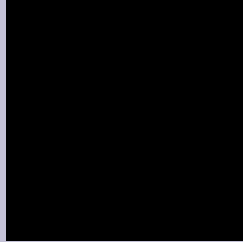
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3225, 55.2256, 72.0865

Background



This preview shows how black text looks on a background with the XYZ color 54.3225, 55.2256, 72.0865.

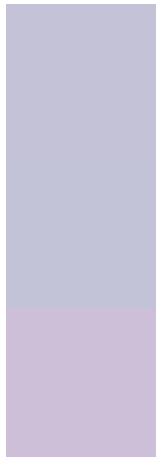


This preview shows how white text looks on a background with the XYZ color 54.3225, 55.2256,

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

54.3225, 55.2256, 72.0865

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.4791, 55.3413, 72.6709



Tritanopia

53.6536, 55.2855, 68.8161

Trichromacy



Original Color

54.3225, 55.2256, 72.0865

Protanomaly

54.2865, 55.5386, 72.1488

Deuteranomaly

55.6014, 55.2137, 72.6925

Tritanomaly

53.9044, 55.3858, 70.1368

Monochromacy



Original Color

54.3225, 55.2256, 72.0865

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6650, 55.7098, 65.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3225, 55.2256, 72.0865 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(196, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 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(196, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.3225, 55.2256, 72.0865 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(196, 194, 215) }
```


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

```
.border{ border-color:rgb(196, 194, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3225, 55.2256, 72.0865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 215) }
```

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

```
.background{ background-color: rgb(196,  
194, 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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