

Converting Colors

XYZ(55.0343, 54.2913, 72.8647)

Have a look what the booklet for
XYZ(55.0343, 54.2913, 72.8647)
contains.

XYZ(54.8955, 54.2023, 72.5345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.8955, 54.2023,
72.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BED8
RGB	201, 190, 216
RGB Percent	79%, 75%, 85%
CMY	0.2118, 0.2549, 0.1529
CMYK	0.07, 0.12, 0.00, 0.15
HSL	265°, 25%, 80%
HSV	265°, 12%, 85%
XYZ	54.8955, 54.2023, 72.5345
YIQ	196.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

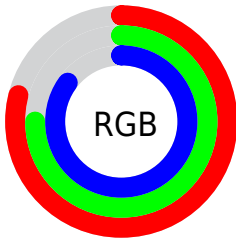
Format	Color
R _Y B	201, 190, 216
Decimal	13221592
CIE Lab	78.58, 8.72, -11.60
CIE LCh	79, 14.517, 306.929
Yxy	54.2023, 0.3022, 0.2984
Android (android.graphics.Color)	4291411672 (0xFFC9BED8)
YUV	196.2530, 9.7353, 4.1631
Hunter-Lab	73.6222, 4.2575, -6.8785

Details

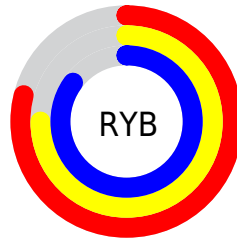
The XYZ color **54.8955, 54.2023, 72.5345** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.0290, 65.8100, 58.3093**, and the grayscale version is **52.5667, 55.3043, 60.2263**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **27.4113, 26.6676, 37.4208** is the 20% darker color. If you saturate the color by 10%, you get **47.3443, 43.8727, 70.9395**, and if you desaturate by 10%, it is **63.4152, 66.0633, 74.3757**.

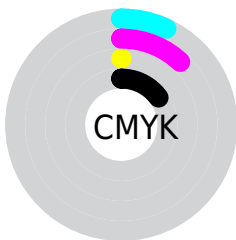
Distribution



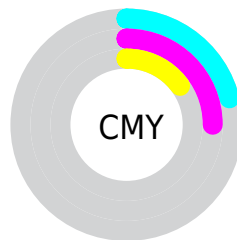
- Red (79%)
- Green (75%)
- Blue (85%)



- Red (79%)
- Yellow (75%)
- Blue (85%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8955, 54.2023, 72.5345 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 54.8955, 54.2023, 72.5345 by changing the saturation by 10% instead.

■ 54.8955, 54.2023,
72.5345

■ 54.8955, 54.2023,
72.5345

395.6585,
402.8810, 488.4273

■ 39.5516, 38.7634,
53.1059

■ 96.5370, 96.3712,
124.5309

■ 27.3717, 26.5757,
37.4990

123.5654,
123.8700, 157.9358

■ 17.9906, 17.2548,
25.2953

155.2192,
156.1576, 196.8366

■ 11.0429, 10.4164,
16.0762

191.8639,
193.6184, 241.6518

■ 6.1632, 5.6759,
9.4231

233.8649,
236.6367, 292.7999

■ 2.9862, 2.6490,
4.9176

281.5874,

■ 1.1465, 0.9514,

285.5970, 350.6995

2.1411

335.3968,
340.8836, 415.7691

■ 0.0635, 0.0000,
0.6401

■ 0.0000, 0.0000,
0.0000

■ 54.8955, 54.2023,
72.5345

■ 54.8955, 54.2023,
72.5345

■ 47.3443, 43.8727,
70.9395

■ 63.4152, 66.0633,
74.3757

■ 40.7198, 35.0035,
69.5767

■ 72.9331, 79.5089,
76.4693

■ 34.9844, 27.5283,
68.4362

■ 83.4838, 94.5984,
78.8258

■ 30.0957, 21.3727,
67.5057

■ 87.8857, 96.9599,
79.0496

■ 26.0077, 16.4552,
66.7720

■ 89.3948, 97.7379,
79.1202

■ 22.6692, 12.6848,
66.2202

■ 20.0223, 9.9575,
65.8332

■ 17.9987, 8.1491,
65.5908

■ 16.7459, 7.2010,
65.4739

Harmonies

Analogous

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



52.1844, 54.2023, 76.0870



54.8955, 54.2023, 72.5345



56.7486, 54.2023, 65.4117

Triad

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



54.8955, 54.2023, 72.5345



53.7046, 54.2023, 45.6714



46.2452, 54.2023, 60.9389

Complementary

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



54.8955, 54.2023, 72.5345



59.0290, 65.8100, 58.3093

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.



46.6184, 54.2023, 53.0535



54.8955, 54.2023, 72.5345



50.8566, 54.2023, 44.7126

Square

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



54.8955, 54.2023, 72.5345



56.0435, 54.2023, 50.0447



48.2813, 54.2023, 47.2929



47.2423, 54.2023, 69.0025

Rectangle

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



54.8955, 54.2023, 72.5345



57.2110, 54.2023, 59.8656



48.2813, 54.2023, 47.2929



46.2152, 54.2023, 58.1766

Sweetspot

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



54.8971, 54.2046, 72.5357



89.7498, 92.5647, 107.7442



55.5030, 59.6494, 73.5547



19.0025, 19.5223, 23.0166



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.



54.8971, 54.2046, 72.5357



77.5236, 75.6002, 105.1141



58.4927, 56.0582, 72.7040



12.2356, 12.2628, 15.6596



10.0292, 4.3228, 38.7589



0.6983, 0.3089, 2.3421

Inverse Universe

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



57.7537, 55.8360, 65.4938



82.3629, 78.3649, 93.1439



55.6325, 64.0591, 58.1504



12.7206, 12.5397, 14.4689



18.9939, 9.5339, 12.5380



1.1866, 0.5914, 0.9720

Previews

White Background



This preview shows how the XYZ color 54.8955, 54.2023, 72.5345 looks on a white background.

Color Contrast Check

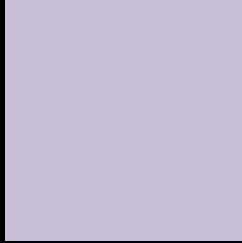
Large Text (above 18pt) WCAG AA × Fail

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 54.8955, 54.2023, 72.5345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

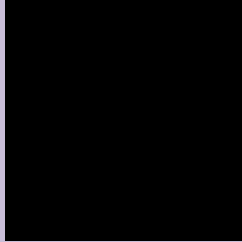
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8955, 54.2023, 72.5345

Background



This preview shows how black text looks on a background with the XYZ color 54.8955, 54.2023, 72.5345.



This preview shows how white text looks on a background with the XYZ color 54.8955, 54.2023,

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

54.8955, 54.2023, 72.5345

Protanopia

53.2107, 54.2782, 74.0019

Deuteranopia

55.2209, 54.0496, 72.4879



Tritanopia

53.9315, 54.4836, 66.7054

Trichromacy



Original Color

54.8955, 54.2023, 72.5345

Protanomaly

53.8797, 54.3111, 73.2890

Deuteranomaly

54.9494, 53.9096, 72.4752

Tritanomaly

54.0831, 54.1941, 68.5828

Monochromacy



Original Color

54.8955, 54.2023, 72.5345

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.3600, 54.9011, 64.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8955, 54.2023, 72.5345 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, 190, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 216)  
}
```

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, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.8955, 54.2023, 72.5345 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, 190, 216) }
```


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

```
.border{ border-color:rgb(201, 190, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8955, 54.2023, 72.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 216) }
```

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

```
.background{ background-color: rgb(201,  
190, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor