

Converting Colors

XYZ(54.4177, 53.2464, 73.4677)

Have a look what the booklet for
XYZ(54.4177, 53.2464, 73.4677)
contains.

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Color

**XYZ(54.4575, 53.3078,
73.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BCDA
RGB	200, 188, 218
RGB Percent	78%, 74%, 85%
CMY	0.2157, 0.2627, 0.1451
CMYK	0.08, 0.14, 0.00, 0.15
HSL	264°, 29%, 80%
HSV	264°, 14%, 85%
XYZ	54.4575, 53.3078, 73.7489
YIQ	195.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

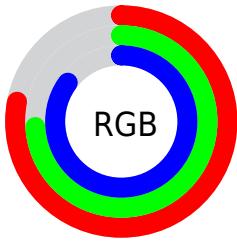
Format	Color
R _{YB}	200, 188, 218
Decimal	13155546
CIE Lab	78.06, 9.87, -13.48
CIE LCh	78, 16.702, 306.210
Yxy	53.3078, 0.3000, 0.2937
Android (android.graphics.Color)	4291345626 (0xFFC8BCDA)
YUV	195.0080, 11.3351, 4.3780
Hunter-Lab	73.0122, 5.3662, -8.7797

Details

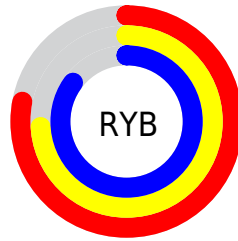
The XYZ color **54.4575, 53.3078, 73.7489** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.6042, 66.8969, 57.3506**, and the grayscale version is **51.8136, 54.5119, 59.3635**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.1289, 26.0833, 38.2551** is the 20% darker color. If you saturate the color by 10%, you get **46.8025, 42.9636, 72.1566**, and if you desaturate by 10%, it is **63.1181, 65.2174, 75.5921**.

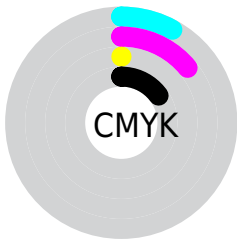
Distribution



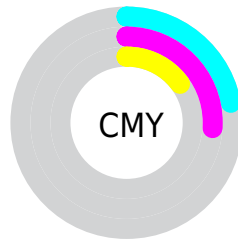
- Red (78%)
- Green (74%)
- Blue (85%)



- Red (78%)
- Yellow (74%)
- Blue (85%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4575, 53.3078, 73.7489 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 54.4575, 53.3078, 73.7489 by changing the saturation by 10% instead.

■ 54.4575, 53.3078,
73.7489

■ 54.4575, 53.3078,
73.7489

394.0221,
399.4649, 492.7465

■ 39.1997, 38.0485,
54.0930

■ 95.8986, 95.0571,
126.2705

■ 27.0965, 26.0204,
38.2823

122.8126,
122.3160, 159.9734

■ 17.7827, 16.8389,
25.8984

154.3427,
154.3435, 199.1956

■ 10.8928, 10.1197,
16.5225

190.8543,
191.5241, 244.3557

■ 6.0616, 5.4784,
9.7363

232.7126,
234.2422, 295.8724

■ 2.9236, 2.5306,
5.1212

280.2832,

■ 1.1135, 0.8919,

282.8820, 354.1640

2.2586

333.9312,
337.8282, 419.6492

■ 0.0363, 0.0000,
0.7079

■ 0.0000, 0.0000,
0.0000

■ 54.4575, 53.3078,
73.7489

■ 54.4575, 53.3078,
73.7489

■ 46.8025, 42.9636,
72.1566

■ 63.1181, 65.2174,
75.5921

■ 40.1093, 34.1115,
70.8007

■ 72.8162, 78.7484,
77.6927

■ 34.3381, 26.6819,
69.6708

■ 83.5880, 93.9622,
80.0615

■ 29.4439, 20.5971,
68.7543

■ 88.6785, 97.3386,
80.4449

■ 25.3779, 15.7719,
68.0372

■ 89.6550, 97.8420,
80.4906

■ 22.0855, 12.1106,
67.5041

■ 19.5050, 9.5033,
67.1368

■ 17.5626, 7.8172,
66.9137

■ 16.6030, 7.0973,
66.8253

Harmonies

Analogous

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



51.3479, 53.3078, 77.7595



54.4575, 53.3078, 73.7489



56.6161, 53.3078, 65.5820

Triad

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



54.4575, 53.3078, 73.7489



53.2356, 53.3078, 43.1310



44.6937, 53.3078, 60.0049

Complementary

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



54.4575, 53.3078, 73.7489



59.6042, 66.8969, 57.3506

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.



45.1508, 53.3078, 51.1053



54.4575, 53.3078, 73.7489



49.9931, 53.3078, 41.9776

Square

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



54.4575, 53.3078, 73.7489



55.8898, 53.3078, 48.0802



47.0575, 53.3078, 44.7423



45.7810, 53.3078, 69.2952

Rectangle

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



54.4575, 53.3078, 73.7489



57.1761, 53.3078, 59.2365



47.0575, 53.3078, 44.7423



44.6725, 53.3078, 56.8659

Sweetspot

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



54.4591, 53.3101, 73.7501



89.6659, 92.5214, 107.7403



55.5878, 60.1390, 75.0087



18.9812, 19.5114, 23.0156



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.



54.4591, 53.3101, 73.7501



73.8151, 70.7881, 104.3807



58.5175, 55.4022, 73.9400



12.8291, 12.8700, 16.4601



10.0607, 4.3107, 40.0402



0.7474, 0.3285, 2.5985

Inverse Universe

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



58.0392, 55.3305, 66.0162



80.0792, 74.3254, 90.7549



55.7623, 64.9164, 57.1708



13.3824, 13.1821, 15.2751



19.8234, 9.9304, 13.9821



1.3264, 0.6602, 1.1277

Previews

White Background



This preview shows how the XYZ color 54.4575, 53.3078, 73.7489 looks on a white background.

Color Contrast Check

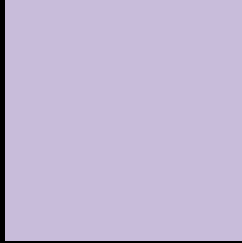
Large Text (above 18pt) WCAG AA × Fail

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 54.4575, 53.3078, 73.7489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

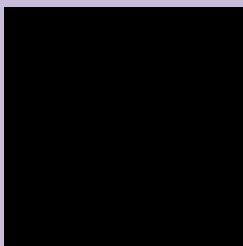
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4575, 53.3078, 73.7489

Background



This preview shows how black text looks on a background with the XYZ color 54.4575, 53.3078, 73.7489.



This preview shows how white text looks on a background with the XYZ color 54.4575, 53.3078,

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

54.4575, 53.3078, 73.7489

Protanopia

52.5069, 53.5579, 75.2805

Deuteranopia

54.4575, 53.3078, 73.7489



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

54.4575, 53.3078, 73.7489

Protanomaly

53.1552, 53.5825, 74.5587

Deuteranomaly

54.4575, 53.3078, 73.7489

Tritanomaly

53.3836, 53.1904, 68.4259

Monochromacy



Original Color

54.4575, 53.3078, 73.7489

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.6551, 53.8814, 64.1248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4575, 53.3078, 73.7489 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(200, 188, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 218)  
}
```

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(200, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.4575, 53.3078, 73.7489 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(200, 188, 218) }
```


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

```
.border{ border-color:rgb(200, 188, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4575, 53.3078, 73.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 218) }
```

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

```
.background{ background-color: rgb(200,  
188, 218) }
```

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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