

Converting Colors

XYZ(54.0186, 54.2968, 72.8001)

Have a look what the booklet for
XYZ(54.0186, 54.2968, 72.8001)
contains.

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Color

**XYZ(54.0093, 54.3929,
72.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0D8
RGB	196, 192, 216
RGB Percent	77%, 75%, 85%
CMY	0.2314, 0.2470, 0.1529
CMYK	0.09, 0.11, 0.00, 0.15
HSL	250°, 24%, 80%
HSV	250°, 11%, 85%
XYZ	54.0093, 54.3929, 72.6180
YIQ	195.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

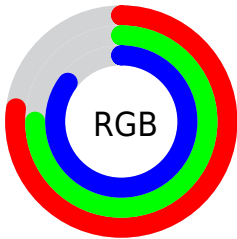
Format	Color
R_{YB}	196, 192, 216
Decimal	12894424
CIE _{Lab}	78.69, 5.99, -11.48
CIE _{LCh}	79, 12.950, 297.561
Yxy	54.3929, 0.2984, 0.3005
Android (android.graphics.Color)	4291084504 (0xFFC4C0D8)
YUV	195.9320, 9.8935, 0.0596
Hunter-Lab	73.7515, 1.6529, -6.7526

Details

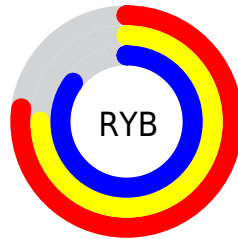
The XYZ color **54.0093, 54.3929, 72.6180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2235, 66.9159, 59.5610**, and the grayscale version is **52.3748, 55.1024, 60.0065**.

A 20% lighter version of the original color is **92.1254, 95.2374, 108.1349**, and **26.8210, 26.7892, 37.4754** is the 20% darker color. If you saturate the color by 10%, you get **45.2056, 43.3242, 70.9464**, and if you desaturate by 10%, it is **64.0741, 67.1479, 74.5503**.

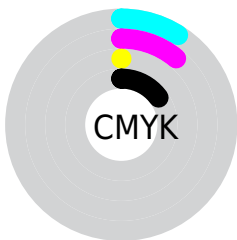
Distribution



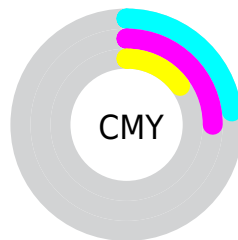
- Red (77%)
- Green (75%)
- Blue (85%)



- Red (77%)
- Yellow (75%)
- Blue (85%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0093, 54.3929, 72.6180 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 54.0093, 54.3929, 72.6180 by changing the saturation by 10% instead.

■ 54.0093, 54.3929,
72.6180

■ 54.0093, 54.3929,
72.6180

392.3432,
403.6065, 488.7250

■ 38.8398, 38.9159,
53.1737

■ 95.2447, 96.6509,
124.6506

■ 26.8153, 26.6943,
37.5528

122.0413,
124.2006, 158.0761

■ 17.5704, 17.3438,
25.3367

153.4444,
156.5434, 196.9991

■ 10.7398, 10.4799,
16.1068

189.8192,
194.0636, 241.8380

■ 5.9582, 5.7183,
9.4446

231.5311,
237.1456, 293.0116

■ 2.8601, 2.6745,
4.9315

278.9455,

■ 1.0802, 0.9643,

286.1738, 350.9382

2.1491

332.4278,
341.5327, 416.0365

■ 0.0085, 0.0000,
0.6448

■ 0.0000, 0.0000,
0.0000

■ 54.0093, 54.3929,
72.6180

■ 54.0093, 54.3929,
72.6180

■ 45.2056, 43.3242,
70.9464

■ 64.0741, 67.1479,
74.5503

■ 37.6082, 33.8643,
69.5209

■ 75.4423, 81.6486,
76.7501

■ 31.1654, 25.9399,
68.3309

■ 87.5818, 96.8033,
79.0354

■ 25.8196, 19.4693,
67.3637

■ 89.3948, 97.7379,
79.1203

■ 21.5085, 14.3629,
66.6053

■ 18.1632, 10.5215,
66.0401

■ 15.7060, 7.8320,
65.6505

■ 14.0467, 6.1603,
65.4153

■ 13.1218, 5.3327,
65.3043

Harmonies

Analogous

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



51.4896, 54.3929, 74.4507



54.0093, 54.3929, 72.6180



55.9642, 54.3929, 67.1107

Triad

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



54.0093, 54.3929, 72.6180



54.3837, 54.3929, 48.1088



46.9365, 54.3929, 58.6268

Complementary

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



54.0093, 54.3929, 72.6180



61.2235, 66.9159, 59.5610

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.



47.6559, 54.3929, 51.9819



54.0093, 54.3929, 72.6180



51.9086, 54.3929, 46.2303

Square

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



54.0093, 54.3929, 72.6180



56.1853, 54.3929, 52.9402



49.4552, 54.3929, 47.5884



47.4578, 54.3929, 65.9877

Rectangle

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



54.0093, 54.3929, 72.6180



56.6548, 54.3929, 62.3126



49.4552, 54.3929, 47.5884



47.0407, 54.3929, 56.2404

Sweetspot

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



54.0109, 54.3952, 72.6192



90.3511, 94.0266, 107.9947



57.7782, 63.4530, 74.1690



19.0763, 19.7923, 23.0648



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.



54.0109, 54.3952, 72.6192



75.9276, 75.7744, 105.2319



57.1462, 56.0115, 72.7659



11.9335, 12.1071, 15.6455



7.8280, 3.1880, 38.6559



0.5329, 0.2236, 2.3344

Inverse Universe

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



59.0540, 57.0540, 70.1898



84.4949, 80.2923, 101.0582



57.9984, 65.2533, 59.4101



12.8600, 12.5955, 15.2032



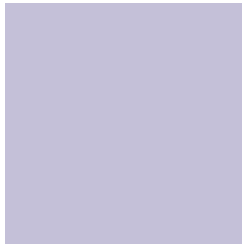
21.6736, 10.6058, 26.6490



1.3314, 0.6493, 1.7345

Previews

White Background



This preview shows how the XYZ color 54.0093, 54.3929, 72.6180 looks on a white background.

Color Contrast Check

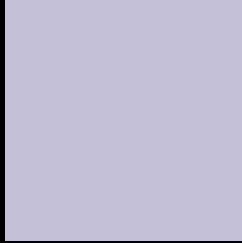
Large Text (above 18pt) WCAG AA × Fail

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 54.0093, 54.3929, 72.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

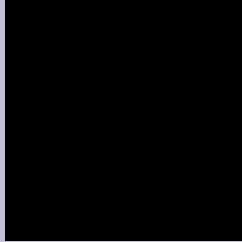
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0093, 54.3929, 72.6180

Background



This preview shows how black text looks on a background with the XYZ color 54.0093, 54.3929, 72.6180.



This preview shows how white text looks on a background with the XYZ color 54.0093, 54.3929,

72.6180.

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

54.0093, 54.3929, 72.6180

Protanopia

53.3326, 54.3562, 73.3265

Deuteranopia

55.3506, 54.1015, 73.1710



Tritanopia

53.0843, 54.3455, 68.0135

Trichromacy



Original Color

54.0093, 54.3929, 72.6180

Protanomaly

53.5867, 54.4871, 73.3384

Deuteranomaly

54.7573, 54.1160, 73.2051

Tritanomaly

53.4593, 54.4955, 69.9884

Monochromacy



Original Color

54.0093, 54.3929, 72.6180

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0595, 55.0778, 64.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0093, 54.3929, 72.6180 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, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.0093, 54.3929, 72.6180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

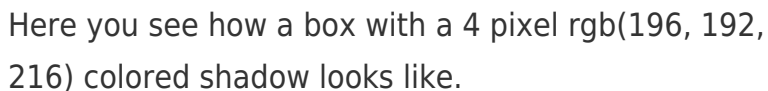
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 192, 216) }
```


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

```
.border{ border-color:rgb(196, 192, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 192, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 192, 216); box-shadow:4px 4px 4px 4px rgb(196, 192, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0093, 54.3929, 72.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 216) }
```

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

```
.background{ background-color: rgb(196,  
192, 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](#).

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