

Converting Colors

XYZ(54.9282, 54.7422, 93.2668)

Have a look what the booklet for
XYZ(54.9282, 54.7422, 93.2668)
contains.

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Color

**XYZ(54.9275, 54.7389,
93.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C1F4
RGB	183, 193, 244
RGB Percent	72%, 76%, 96%
CMY	0.2823, 0.2431, 0.0431
CMYK	0.25, 0.21, 0.00, 0.04
HSL	230°, 73%, 84%
HSV	230°, 25%, 96%
XYZ	54.9275, 54.7389, 93.2586
YIQ	195.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

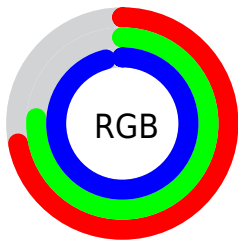
Format	Color
R _Y B	183, 192, 244
Decimal	12042740
CIE Lab	78.89, 7.46, -26.33
CIE LCh	79, 27.368, 285.822
Yxy	54.7389, 0.2707, 0.2697
Android (android.graphics.Color)	4290232820 (0xFFB7C1F4)
YUV	195.8240, 23.7508, -11.2466
Hunter-Lab	73.9857, 3.0445, -22.9447

Details

The XYZ color **54.9275, 54.7389, 93.2586** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2789, 81.4977, 56.5642**, and the grayscale version is **52.2372, 54.9576, 59.8488**.

A 20% lighter version of the original color is **87.8609, 93.4966, 108.0236**, and **27.5084, 27.0541, 51.3491** is the 20% darker color. If you saturate the color by 10%, you get **45.4166, 43.5979, 91.6104**, and if you desaturate by 10%, it is **66.0700, 67.6470, 95.1638**.

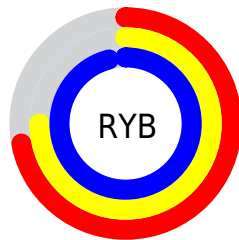
Distribution



Red (72%)

Green (76%)

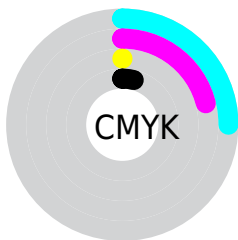
Blue (96%)



Red (72%)

Yellow (75%)

Blue (96%)

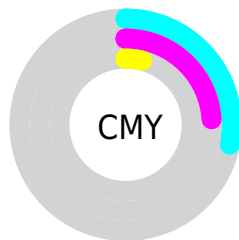


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9275, 54.7389, 93.2586 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 54.9275, 54.7389, 93.2586 by changing the saturation by 10% instead.

■ 54.9275, 54.7389,
93.2586

■ 54.9275, 54.7389,
93.2586

395.7779,
404.9214, 559.4162

■ 39.5773, 39.1927,
70.0976

■ 96.5837, 97.1583,
153.8314

■ 27.3919, 26.9097,
51.1288

123.6203,
124.8003, 192.0803

■ 18.0058, 17.5054,
35.9337

155.2832,
157.2430, 236.1955

■ 11.0539, 10.5955,
24.0937

191.9376,
194.8709, 286.5957

■ 6.1707, 5.7955,
15.1903

233.9489,
238.0683, 343.6993

■ 2.9908, 2.7212,
8.8049

281.6825,

■ 1.1489, 0.9879,

287.2195, 407.9249

4.5191

335.5037,
342.7091, 479.6910

■ 0.0654, 0.0000,
1.9142

■ 0.0000, 0.0000,
0.5018

■ 54.9275, 54.7389,
93.2586

■ 54.9275, 54.7389,
93.2586

■ 45.4166, 43.5979,
91.6104

■ 66.0700, 67.6470,
95.1638

■ 37.4547, 34.1399,
90.2044

■ 78.9108, 82.3880,
97.3323

■ 30.9601, 26.2840,
89.0304

■ 93.0754, 98.8038,
99.7543

■ 25.8411, 19.9397,
88.0756

■ 93.3293, 99.3117,
99.8389

■ 21.9956, 15.0073,
87.3262

■ 19.3064, 11.3745,
86.7668

■ 17.6333, 8.9104,
86.3794

■ 17.0883, 8.0498,
86.2420

Harmonies

Analogous

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



49.5113, 54.7389, 93.5584



54.9275, 54.7389, 93.2586



59.8830, 54.7389, 82.9700

Triad

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



54.9275, 54.7389, 93.2586



59.6506, 54.7389, 40.6207



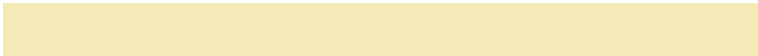
42.5446, 54.7389, 52.5714

Complementary

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



54.9275, 54.7389, 93.2586



75.2789, 81.4977, 56.5642

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.



44.8912, 54.7389, 41.0926



54.9275, 54.7389, 93.2586



54.6279, 54.7389, 35.0509

Square

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



54.9275, 54.7389, 93.2586



62.7366, 54.7389, 51.8125



49.2318, 54.7389, 35.2071



42.6125, 54.7389, 68.1341

Rectangle

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



54.9275, 54.7389, 93.2586



62.1488, 54.7389, 72.7103



49.2318, 54.7389, 35.2071



43.0697, 54.7389, 48.1711

Sweetspot

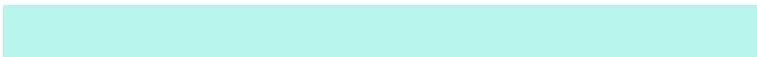
The Sweet Spot groups the original color and five complimentary colors.



54.9293, 54.7411, 93.2599



84.2078, 87.6157, 107.0810



66.7076, 80.7007, 89.7784



17.8335, 18.5352, 22.8877



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.



54.9293, 54.7411, 93.2599



55.1653, 54.0247, 102.1280



57.9834, 53.1435, 92.7905



15.8006, 16.3656, 20.8687



9.3565, 4.5067, 46.9148



0.8847, 0.5209, 4.1441

Inverse Universe

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



63.8688, 56.9518, 58.0811



66.6688, 57.0636, 56.8157



71.5363, 83.9154, 57.2281



16.6099, 16.5268, 17.6926



20.5272, 10.5543, 2.2188



1.8356, 0.9402, 0.3609

Previews

White Background



This preview shows how the XYZ color 54.9275, 54.7389, 93.2586 looks on a white background.

Color Contrast Check

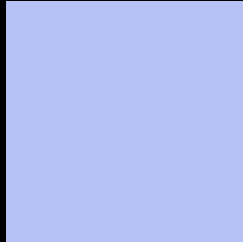
Large Text (above 18pt) WCAG AA × Fail

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 54.9275, 54.7389, 93.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

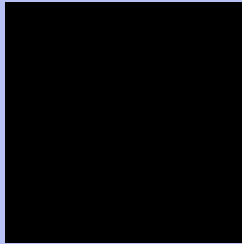
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9275, 54.7389, 93.2586

Background



This preview shows how black text looks on a background with the XYZ color 54.9275, 54.7389, 93.2586.



This preview shows how white text looks on a background with the XYZ color 54.9275, 54.7389,

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

54.9275, 54.7389, 93.2586

Protanopia

54.9275, 54.7389, 93.2586

Deuteranopia

55.9462, 54.6121, 93.1805



Tritanopia

50.4631, 54.5903, 71.4956

Trichromacy



Original Color

54.9275, 54.7389, 93.2586

Protanomaly

54.9275, 54.7389, 93.2586

Deuteranomaly

55.6723, 54.7957, 93.2303

Tritanomaly

51.9209, 54.4998, 79.0172

Monochromacy



Original Color

54.9275, 54.7389, 93.2586

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0112, 54.9107, 70.7556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9275, 54.7389, 93.2586 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(183, 193, 244)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 244)  
}
```

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(183, 193, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.9275, 54.7389, 93.2586 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(183, 193, 244) }
```


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

```
.border{ border-color:rgb(183, 193, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 193, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 193, 244);  
box-shadow:4px 4px 4px 4px rgb(183, 193,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9275, 54.7389, 93.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 244) }
```

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

```
.background{ background-color: rgb(183,  
193, 244) }
```

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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