

Converting Colors

XYZ(43.6927, 42.5554, 90.7052)

Have a look what the booklet for
XYZ(43.6927, 42.5554, 90.7052)
contains.

XYZ(43.6927, 42.5554, 90.7052)	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(43.6927, 42.5554,
90.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	97ACF3
RGB	151, 172, 243
RGB Percent	59%, 67%, 95%
CMY	0.4078, 0.3255, 0.0471
CMYK	0.38, 0.29, 0.00, 0.05
HSL	226°, 79%, 77%
HSV	226°, 38%, 95%
XYZ	43.6927, 42.5554, 90.7052
YIQ	173.8150, -35.3070, 17.6290

Conversions

Conversions Part 2

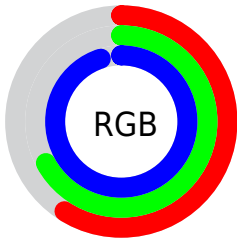
Format	Color
RYB	151, 168, 243
Decimal	9940211
CIELab	71.25, 9.80, -37.75
CIELCh	71, 39.003, 284.553
Yxy	42.5554, 0.2469, 0.2405
Android (android.graphics.Color)	4288130291 (0xFF97ACF3)
YUV	173.8150, 34.1082, -20.0088
Hunter-Lab	65.2345, 5.3952, -36.7755

Details

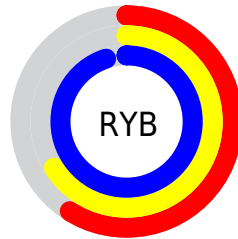
The XYZ color **43.6927, 42.5554, 90.7052** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.6706, 73.5331, 39.8539**, and the grayscale version is **39.9820, 42.0642, 45.8079**.

A 20% lighter version of the original color is **71.5315, 75.5681, 105.4237**, and **20.5100, 19.5076, 49.6981** is the 20% darker color. If you saturate the color by 10%, you get **36.3183, 33.8247, 89.4095**, and if you desaturate by 10%, it is **52.5031, 52.7758, 92.2144**.

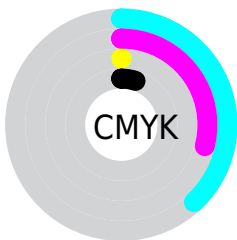
Distribution



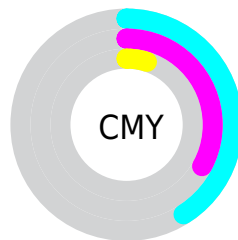
- Red (59%)
- Green (67%)
- Blue (95%)



- Red (59%)
- Yellow (66%)
- Blue (95%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6927, 42.5554, 90.7052 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 43.6927, 42.5554, 90.7052 by changing the saturation by 10% instead.

■ 43.6927, 42.5554,
90.7052

■ 43.6927, 42.5554,
90.7052

352.3262,
356.7801, 550.9514

■ 30.6259, 29.5364,
67.9887

■ 80.0043, 79.0395,
150.2616

■ 20.4645, 19.4870,
49.4219

■ 103.9799,
103.2734, 187.9386

■ 12.8434, 12.0227,
34.5863

132.3223,
132.0145, 231.4395

■ 7.3971, 6.7591,
23.0634

165.3971,
165.6470, 281.1828

■ 3.7602, 3.3119,
14.4346

203.5695,
204.5555, 337.5871

■ 1.5674, 1.2967,
8.2813

247.2049,

■ 0.3710, 0.1386,

249.1242, 401.0710

4.1852

296.6687,
299.7376, 472.0529

■ 0.0000, 0.0000,
1.7275

■ 0.0000, 0.0000,
0.3794

■ 43.6927, 42.5554,
90.7052

■ 43.6927, 42.5554,
90.7052

■ 36.3183, 33.8247,
89.4095

■ 52.5031, 52.7758,
92.2144

■ 30.2970, 26.5072,
88.3144

■ 62.8175, 64.5476,
93.9429

■ 25.5440, 20.5267,
87.4106

■ 74.7046, 77.9350,
95.9004

■ 21.9623, 15.7973,
86.6865

■ 88.2277, 92.9969,
98.0949

■ 19.4400, 12.2220,
86.1293

■ 93.1778, 99.2511,
99.0412

■ 17.8318, 9.6824,
85.7239

■ 17.5663, 9.2480,
85.6540

Harmonies

Analogous

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



37.1876, 42.5554, 90.4774



43.6927, 42.5554, 90.7052



49.9340, 42.5554, 77.0548

Triad

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



43.6927, 42.5554, 90.7052



50.0941, 42.5554, 25.3716



29.4903, 42.5554, 37.3839

Complementary

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



43.6927, 42.5554, 90.7052



68.6706, 73.5331, 39.8539

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.



32.2459, 42.5554, 25.1061



43.6927, 42.5554, 90.7052



43.8929, 42.5554, 19.5557

Square

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



43.6927, 42.5554, 90.7052



53.8915, 42.5554, 37.8571



37.3674, 42.5554, 19.4738



29.4491, 42.5554, 55.9939

Rectangle

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



43.6927, 42.5554, 90.7052



52.9080, 42.5554, 63.6104



37.3674, 42.5554, 19.4738



30.1154, 42.5554, 32.5110

Sweetspot

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



43.6942, 42.5570, 90.7062



78.9516, 82.0204, 106.2781



57.9367, 75.9305, 80.3835



16.5071, 17.1151, 22.6835



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.



43.6942, 42.5570, 90.7062



42.6242, 40.2507, 100.1304



45.0450, 37.7819, 89.7133



15.8880, 16.5403, 20.8978



9.7243, 5.2424, 47.0374



0.9293, 0.6100, 4.1590

Inverse Universe

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



55.4765, 44.1681, 44.6326



57.5782, 42.8587, 41.5273



66.6909, 81.3141, 41.4601



16.6540, 16.5445, 17.9248



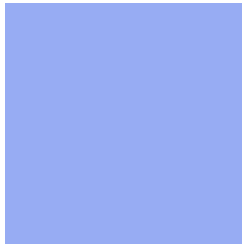
20.7129, 10.6286, 3.1966



1.8581, 0.9492, 0.4793

Previews

White Background



This preview shows how the XYZ color 43.6927, 42.5554, 90.7052 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 43.6927, 42.5554, 90.7052 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 43.6927, 42.5554, 90.7052

Background



This preview shows how black text looks on a background with the XYZ color 43.6927, 42.5554, 90.7052.



This preview shows how white text looks on a background with the XYZ color 43.6927, 42.5554,

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

43.6927, 42.5554, 90.7052

Protanopia

43.8791, 42.6515, 90.7139

Deuteranopia

43.6927, 42.5554, 90.7052



Tritanopia

37.3029, 42.6087, 58.4828

Trichromacy



Original Color

43.6927, 42.5554, 90.7052

Protanomaly

43.8791, 42.6515, 90.7139

Deuteranomaly

43.6927, 42.5554, 90.7052

Tritanomaly

39.4322, 42.5742, 69.0901

Monochromacy



Original Color

43.6927, 42.5554, 90.7052

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9783, 42.1177, 60.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6927, 42.5554, 90.7052 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(151, 172, 243)` looks like.

```
.text, #text, p{  
    color:rgb(151, 172, 243)  
}
```

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(151, 172, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 172, 243) }
```

Border

The CSS property to change the border of an element to XYZ 43.6927, 42.5554, 90.7052 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(151, 172, 243) }
```


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

```
.border{ border-color:rgb(151, 172, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 172, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 172, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 172, 243);  
box-shadow:4px 4px 4px 4px rgb(151, 172,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6927, 42.5554, 90.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 172, 243) }
```

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

```
.background{ background-color: rgb(151,  
172, 243) }
```

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