

Converting Colors

XYZ(43.3297, 43.4927, 94.2717)

Have a look what the booklet for
XYZ(43.3297, 43.4927, 94.2717)
contains.

XYZ(43.2983, 43.4288, 94.0962)	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(43.2983, 43.4288,
94.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB0F7
RGB	141, 176, 247
RGB Percent	55%, 69%, 97%
CMY	0.4470, 0.3098, 0.0314
CMYK	0.43, 0.29, 0.00, 0.03
HSL	220°, 87%, 76%
HSV	220°, 43%, 97%
XYZ	43.2983, 43.4288, 94.0962
YIQ	173.6290, -43.6510, 14.6610

Conversions

Conversions Part 2

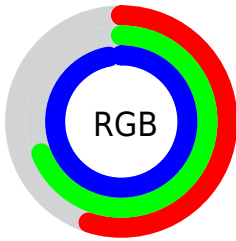
Format	Color
RYB	141, 167, 247
Decimal	9285879
CIELab	71.85, 6.08, -39.05
CIELCh	72, 39.516, 278.851
Yxy	43.4288, 0.2395, 0.2402
Android (android.graphics.Color)	4287475959 (0xFF8DB0F7)
YUV	173.6290, 36.1719, -28.6156
Hunter-Lab	65.9005, 1.9530, -38.5270

Details

The XYZ color **43.2983, 43.4288, 94.0962** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.7102, 68.7857, 34.9620**, and the grayscale version is **39.8798, 41.9567, 45.6908**.

A 20% lighter version of the original color is **69.9146, 76.3776, 105.6652**, and **20.2482, 20.0643, 51.5208** is the 20% darker color. If you saturate the color by 10%, you get **36.5088, 35.4036, 92.9058**, and if you desaturate by 10%, it is **51.4227, 52.7307, 95.4643**.

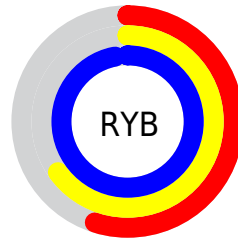
Distribution



Red (55%)

Green (69%)

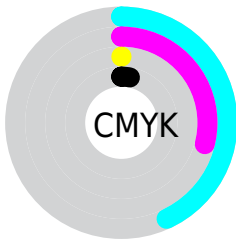
Blue (97%)



Red (55%)

Yellow (65%)

Blue (97%)

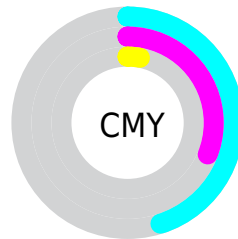


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (45%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2983, 43.4288, 94.0962 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 43.2983, 43.4288, 94.0962 by changing the saturation by 10% instead.

■ 43.2983, 43.4288,
94.0962

■ 43.2983, 43.4288,
94.0962

350.7378,
360.3722, 562.1778

■ 30.3148, 30.2217,
70.7902

■ 79.4137, 80.3575,
155.0002

■ 20.2269, 20.0069,
51.6903

■ 103.2763,
104.8480, 193.4353

■ 12.6693, 12.4001,
36.3777

131.4960,
133.8683, 237.7506

■ 7.2766, 7.0168,
24.4340

164.4381,
167.8029, 288.3645

■ 3.6836, 3.4726,
15.4407

202.4680,
207.0362, 345.6956

■ 1.5247, 1.3832,
8.9792

245.9510,

■ 0.3426, 0.2043,

251.9526, 410.1625

4.6310

295.2525,
302.9365, 482.1837

■ 0.0000, 0.0000,
1.9775

■ 0.0000, 0.0000,
0.5414

■ 43.2983, 43.4288,
94.0962

■ 43.2983, 43.4288,
94.0962

■ 36.5088, 35.4036,
92.9058

■ 51.4227, 52.7307,
95.4643

■ 30.9724, 28.5896,
91.8824

■ 60.9481, 63.3608,
97.0140

■ 26.6050, 22.9218,
91.0186

■ 71.9413, 75.3735,
98.7533

■ 23.3089, 18.3262,
90.3053

■ 84.4636, 88.8185,
100.6885

■ 20.9680, 14.7174,
89.7321

■ 93.7887, 99.4955,
102.2578

■ 19.7726, 12.6834,
89.4025

Harmonies

Analogous

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



36.7883, 43.4288, 90.8866



43.2983, 43.4288, 94.0962



49.9269, 43.4288, 82.3644

Triad

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



43.2983, 43.4288, 94.0962



52.1826, 43.4288, 27.6617



30.3598, 43.4288, 35.1503

Complementary

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



43.2983, 43.4288, 94.0962



66.7102, 68.7857, 34.9620

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.



33.6901, 43.4288, 23.9223



43.2983, 43.4288, 94.0962



46.1183, 43.4288, 20.4858

Square

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



43.2983, 43.4288, 94.0962



55.4095, 43.4288, 41.8174



39.3211, 43.4288, 19.3331



29.7797, 43.4288, 53.2130

Rectangle

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



43.2983, 43.4288, 94.0962



53.3553, 43.4288, 69.1318



39.3211, 43.4288, 19.3331



31.1760, 43.4288, 30.6089

Sweetspot

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



43.2998, 43.4304, 94.0972



77.2094, 80.8881, 106.1513



56.0882, 76.9220, 73.9598



15.9377, 16.6750, 22.6285



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.



43.2998, 43.4304, 94.0972



40.4826, 39.5412, 100.1063



40.5470, 33.1038, 92.2491



16.0281, 16.8205, 20.9445



10.5725, 6.9388, 47.3201



1.0195, 0.7904, 4.1891

Inverse Universe

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



55.7204, 41.9601, 46.2382



55.6250, 38.7377, 41.5378



70.4892, 85.1585, 37.9231



16.7248, 16.5728, 18.2972



21.1410, 10.7998, 5.4510



1.9036, 0.9674, 0.7190

Previews

White Background



This preview shows how the XYZ color 43.2983, 43.4288, 94.0962 looks on a white background.

Color Contrast Check

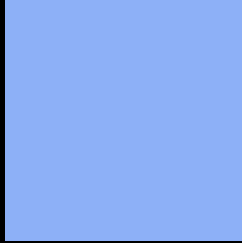
Large Text (above 18pt) WCAG AA × Fail

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 43.2983, 43.4288, 94.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

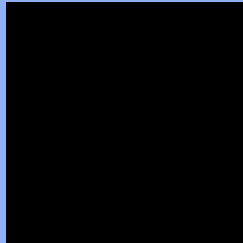
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

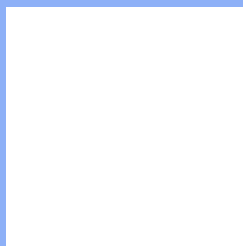
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2983, 43.4288, 94.0962

Background



This preview shows how black text looks on a background with the XYZ color 43.2983, 43.4288, 94.0962.



This preview shows how white text looks on a background with the XYZ color 43.2983, 43.4288,

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

43.2983, 43.4288, 94.0962

Protanopia

44.7514, 43.3497, 92.3949

Deuteranopia

44.6570, 43.5334, 94.8561



Tritanopia

36.6764, 43.4572, 61.0986

Trichromacy



Original Color

43.2983, 43.4288, 94.0962

Protanomaly

44.1650, 43.3155, 93.2218

Deuteranomaly

44.3059, 43.6403, 94.8952

Tritanomaly

38.9252, 43.4522, 71.9812

Monochromacy



Original Color

43.2983, 43.4288, 94.0962

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7729, 42.5584, 61.3240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2983, 43.4288, 94.0962 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(141, 176, 247)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 247)  
}
```

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(141, 176, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 247) }
```

Border

The CSS property to change the border of an element to XYZ 43.2983, 43.4288, 94.0962 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(141, 176, 247) }
```


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

```
.border{ border-color:rgb(141, 176, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 176, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 247);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2983, 43.4288, 94.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 247) }
```

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

```
.background{ background-color: rgb(141,  
176, 247) }
```

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