

Converting Colors

XYZ(54.7096, 36.8889,
158.4983)

Have a look what the booklet for
XYZ(54.7096, 36.8889, 158.4983)
contains.

XYZ(43.3999, 32.3368, 98.5620)	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(43.3999, 32.3368,
98.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	AD83FF
RGB	173, 131, 255
RGB Percent	68%, 51%, 100%
CMY	0.3216, 0.4863, 0.0000
CMYK	0.32, 0.49, 0.00, 0.00
HSL	260°, 100%, 76%
HSV	260°, 49%, 100%
XYZ	43.3999, 32.3368, 98.5620
YIQ	157.6940, -14.7720, 47.4680

Conversions

Conversions Part 2

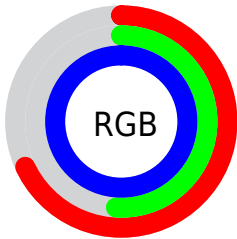
Format	Color
RYB	173, 131, 255
Decimal	11371519
CIELab	63.62, 41.83, -56.19
CIElCh	64, 70.055, 306.665
Yxy	32.3368, 0.2490, 0.1855
Android (android.graphics.Color)	4289561599 (0xFFAD83FF)
YUV	157.6940, 47.9719, 13.4234
Hunter-Lab	56.8655, 36.7172, -62.9585

Details

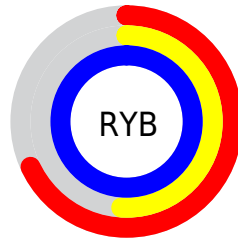
The XYZ color **43.3999, 32.3368, 98.5620** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2971, 87.3047, 34.7782**, and the grayscale version is **32.1566, 33.8313, 36.8423**.

A 20% lighter version of the original color is **68.3540, 58.9068, 102.3753**, and **20.2642, 13.5275, 54.9691** is the 20% darker color. If you saturate the color by 10%, you get **36.8906, 24.5079, 97.3939**, and if you desaturate by 10%, it is **51.2248, 42.0959, 100.0332**.

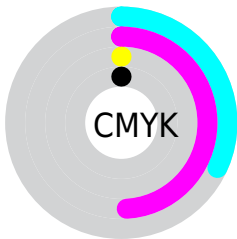
Distribution



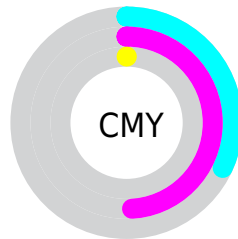
- Red (68%)
- Green (51%)
- Blue (100%)



- Red (68%)
- Yellow (51%)
- Blue (100%)



- Cyan (32%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3999, 32.3368, 98.5620 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 43.3999, 32.3368, 98.5620 by changing the saturation by 10% instead.


 43.3999, 32.3368,
98.5620


 43.3999, 32.3368,
98.5620


351.1475,
312.6506, 576.7797


 30.3949, 21.6189,
74.4900


 79.5659, 63.3387,
161.2142

 20.2881, 13.5771,
54.6959


 103.4577, 84.3915,
200.6315

 12.7141, 7.8271,
38.7614


 131.7090,
109.6580, 246.0010

 7.3076, 3.9845,
26.2677

164.6853,
139.5227, 297.7411

 3.7032, 1.6649,
16.7965

202.7520,
174.3699, 356.2705

 1.5357, 0.4008,
9.9291

246.2743,

 0.3499, 0.0000,

214.5840, 422.0077

5.2470

295.6177,
260.5495, 495.3713

■ 0.0000, 0.0000,
2.3316

■ 0.0000, 0.0000,
0.7489

■ 43.3999, 32.3368,
98.5620

■ 43.3999, 32.3368,
98.5620

■ 36.8906, 24.5079,
97.3939

■ 51.2248, 42.0959,
100.0332

■ 31.6129, 18.4707,
96.5068

■ 60.4349, 53.9033,
101.8269

■ 27.4778, 14.0734,
95.8759

■ 71.0987, 67.8716,
103.9610

■ 24.3804, 11.1358,
95.4722

■ 83.2790, 84.1040,
106.4522

■ 22.1783, 9.4047,
95.2541

95.0500, 100.0000,
108.9000

■ 21.9224, 9.2163,
95.2312

Harmonies

Analogous

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



32.9719, 32.3368, 120.4712



43.3999, 32.3368, 98.5620



51.4589, 32.3368, 61.1675

Triad

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



43.3999, 32.3368, 98.5620



38.8095, 32.3368, 5.2842



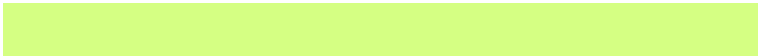
15.5748, 32.3368, 41.8437

Complementary

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



43.3999, 32.3368, 98.5620



67.2971, 87.3047, 34.7782

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.



16.4898, 32.3368, 17.8830



43.3999, 32.3368, 98.5620



28.6019, 32.3368, 4.2223

Square

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



43.3999, 32.3368, 98.5620



48.4397, 32.3368, 11.8336



20.8103, 32.3368, 7.2553



17.9747, 32.3368, 78.2023

Rectangle

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



43.3999, 32.3368, 98.5620



53.6140, 32.3368, 38.4389



20.8103, 32.3368, 7.2553



15.5143, 32.3368, 32.1658

Sweetspot

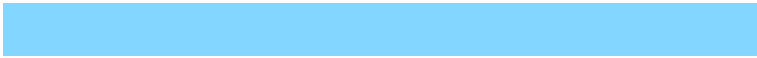
The Sweet Spot groups the original color and five complimentary colors.



43.4011, 32.3379, 98.5621



75.3374, 73.4914, 104.8223



51.3730, 59.9705, 103.4756



15.5927, 15.0231, 22.3279



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.



43.4011, 32.3379, 98.5621



37.2614, 24.9443, 97.4586



60.2080, 41.0022, 99.3487



17.5829, 17.6767, 22.7352



11.5971, 4.8890, 49.7670



1.2403, 0.5333, 4.8508

Inverse Universe

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



61.3667, 42.2973, 67.8797



57.5158, 36.1993, 61.6515



52.7439, 79.8022, 34.0971



18.5158, 18.1896, 21.3335



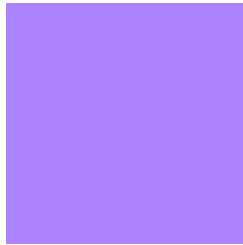
25.3450, 12.6273, 20.9990



2.5188, 1.2499, 2.3137

Previews

White Background



This preview shows how the XYZ color 43.3999, 32.3368, 98.5620 looks on a white background.

Color Contrast Check

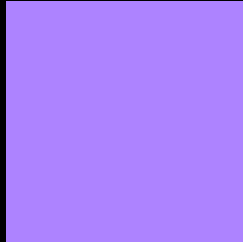
Large Text (above 18pt) WCAG AA × Fail

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 43.3999, 32.3368, 98.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

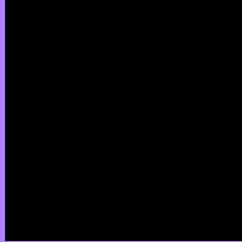
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3999, 32.3368, 98.5620

Background



This preview shows how black text looks on a background with the XYZ color 43.3999, 32.3368, 98.5620.



This preview shows how white text looks on a background with the XYZ color 43.3999, 32.3368,

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

43.3999, 32.3368, 98.5620

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.8005, 32.8316, 94.9981



Tritanopia

31.4466, 32.1054, 39.6615

Trichromacy



Original Color

43.3999, 32.3368, 98.5620

Protanomaly

37.8548, 32.2349, 98.8345

Deuteranomaly

36.1618, 31.8711, 96.3413

Tritanomaly

34.9516, 31.6591, 57.0920

Monochromacy



Original Color

43.3999, 32.3368, 98.5620

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.3198, 32.8166, 54.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3999, 32.3368, 98.5620 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(173, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 131, 255)  
}
```

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(173, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3999, 32.3368, 98.5620 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(173, 131, 255) }
```


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

```
.border{ border-color:rgb(173, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3999, 32.3368, 98.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 131, 255) }
```

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

```
.background{ background-color: rgb(173,  
131, 255) }
```

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