

Converting Colors

XYZ(43.2715, 38.1615, 99.6930)

Have a look what the booklet for
XYZ(43.2715, 38.1615, 99.6930)
contains.

XYZ(43.2438, 38.1062, 99.6838)	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(43.2438, 38.1062,
99.6838)**

Conversions

Conversions Part 1

Format	Color
Hex	999DFF
RGB	153, 157, 255
RGB Percent	60%, 62%, 100%
CMY	0.4000, 0.3843, 0.0000
CMYK	0.40, 0.38, 0.00, 0.00
HSL	238°, 100%, 80%
HSV	238°, 40%, 100%
XYZ	43.2438, 38.1062, 99.6838
YIQ	166.9760, -33.8420, 29.6300

Conversions

Conversions Part 2

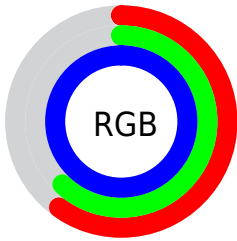
Format	Color
R_{YB}	153, 157, 255
Decimal	10067455
CIE _{Lab}	68.10, 22.07, -49.20
CIE _{LCh}	68, 53.924, 294.155
Yxy	38.1062, 0.2389, 0.2105
Android (android.graphics.Color)	4288257535 (0xFF999DFF)
YUV	166.9760, 43.3958, -12.2570
Hunter-Lab	61.7302, 17.0165, -52.5321

Details

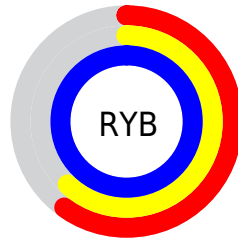
The XYZ color **43.2438, 38.1062, 99.6838** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.4879, 92.5555, 43.7090**, and the grayscale version is **36.5273, 38.4296, 41.8498**.

A 20% lighter version of the original color is **68.2082, 67.6574, 104.0720**, and **20.2768, 16.9267, 55.6245** is the 20% darker color. If you saturate the color by 10%, you get **35.1972, 28.4099, 98.2363**, and if you desaturate by 10%, it is **53.1524, 49.9974, 101.4568**.

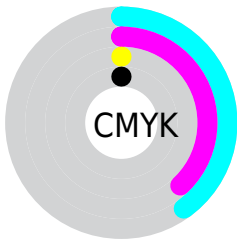
Distribution



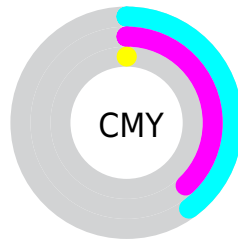
- Red (60%)
- Green (62%)
- Blue (100%)



- Red (60%)
- Yellow (62%)
- Blue (100%)



- Cyan (40%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2438, 38.1062, 99.6838 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 43.2438, 38.1062, 99.6838 by changing the saturation by 10% instead.

■ 43.2438, 38.1062,
99.6838

■ 43.2438, 38.1062,
99.6838

350.5180,
338.0753, 580.4164

■ 30.2718, 26.0651,
75.4211

■ 79.3321, 72.2709,
162.7707

■ 20.1941, 16.8724,
55.4541

■ 103.1790, 95.1633,
202.4319

■ 12.6453, 10.1435,
39.3644

131.3817,
122.4416, 248.0630

■ 7.2601, 5.4942,
26.7333

164.3054,
154.4902, 300.0826

■ 3.6730, 2.5401,
17.1424

202.3155,
191.6934, 358.9093

■ 1.5189, 0.8966,
10.1730

245.7774,

■ 0.3386, 0.0000,

234.4358, 424.9614

5.4067

295.0565,
283.1016, 498.6576

■ 0.0000, 0.0000,
2.4249

■ 0.0000, 0.0000,
0.8000

■ 43.2438, 38.1062,
99.6838

■ 43.2438, 38.1062,
99.6838

■ 35.1972, 28.4099,
98.2363

■ 53.1524, 49.9974,
101.4568

■ 28.8927, 20.7705,
97.0940

■ 65.0251, 64.2022,
103.5728

■ 24.2025, 15.0407,
96.2353

■ 78.9615, 80.8355,
106.0488

■ 20.9795, 11.0519,
95.6352

95.0500, 100.0000,
108.9000

■ 19.0499, 8.6060,
95.2648

■ 18.1586, 7.4371,
95.0862

■ 18.1585, 7.4370,
95.0862

Harmonies

Analogous

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



34.5975, 38.1062, 106.6802



43.2438, 38.1062, 99.6838



50.9645, 38.1062, 74.9317

Triad

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



43.2438, 38.1062, 99.6838



46.5327, 38.1062, 14.1425



22.4014, 38.1062, 36.9531

Complementary

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



43.2438, 38.1062, 99.6838



81.4879, 92.5555, 43.7090

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.



24.6329, 38.1062, 19.8581



43.2438, 38.1062, 99.6838



37.8900, 38.1062, 10.3765

Square

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



43.2438, 38.1062, 99.6838



53.0597, 38.1062, 25.2851



29.9990, 38.1062, 11.9646



23.3817, 38.1062, 63.4627

Rectangle

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



43.2438, 38.1062, 99.6838



54.0997, 38.1062, 55.4575



29.9990, 38.1062, 11.9646



22.7884, 38.1062, 30.0917

Sweetspot

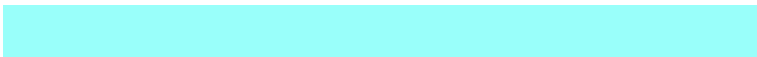
The Sweet Spot groups the original color and five complimentary colors.



43.2451, 38.1075, 99.6840



76.0022, 77.3064, 105.5236



66.1374, 85.1886, 103.3177



15.8641, 16.0654, 22.5148



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.



43.2451, 38.1075, 99.6840



36.6622, 30.1788, 98.5005



52.9692, 42.1327, 99.9484



17.0601, 17.4918, 22.7270



9.5129, 3.9354, 49.6928



0.9454, 0.4216, 4.8448

Inverse Universe

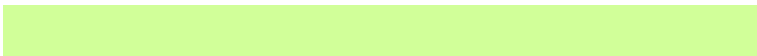
The Inverse Universe completely reimagines the original color for something new.



58.7180, 46.4783, 37.7759



54.1168, 39.7433, 28.6359



67.8335, 87.3902, 43.4317



18.0382, 17.9986, 18.8185



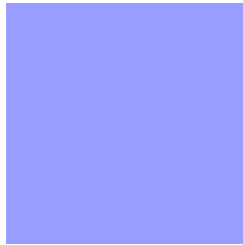
21.5899, 11.1252, 1.2248



2.1118, 1.0871, 0.1703

Previews

White Background



This preview shows how the XYZ color 43.2438, 38.1062, 99.6838 looks on a white background.

Color Contrast Check

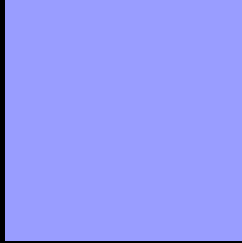
Large Text (above 18pt) WCAG AA × Fail

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 43.2438, 38.1062, 99.6838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

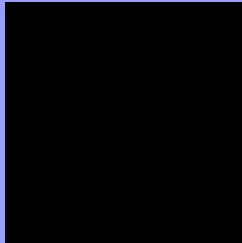
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2438, 38.1062, 99.6838

Background



This preview shows how black text looks on a background with the XYZ color 43.2438, 38.1062, 99.6838.



This preview shows how white text looks on a background with the XYZ color 43.2438, 38.1062,

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

43.2438, 38.1062, 99.6838

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

39.3531, 38.2131, 98.2302



Tritanopia

33.6628, 38.2421, 51.5062

Trichromacy



Original Color

43.2438, 38.1062, 99.6838

Protanomaly

41.6101, 38.2852, 99.8044

Deuteranomaly

40.6412, 38.0648, 98.9711

Tritanomaly

36.6069, 38.0414, 66.3861

Monochromacy



Original Color

43.2438, 38.1062, 99.6838

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.3063, 37.9993, 59.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2438, 38.1062, 99.6838 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(153, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 157, 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(153, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.2438, 38.1062, 99.6838 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(153, 157, 255) }
```


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

```
.border{ border-color:rgb(153, 157, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 157, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2438, 38.1062, 99.6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 157, 255) }
```

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

```
.background{ background-color: rgb(153,  
157, 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](#).

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