

Converting Colors

XYZ(47.4154, 38.1623,
122.5584)

Have a look what the booklet for
XYZ(47.4154, 38.1623, 122.5584)
contains.

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Color

**XYZ(43.0212, 36.5213,
99.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	9D97FF
RGB	157, 151, 255
RGB Percent	62%, 59%, 100%
CMY	0.3843, 0.4078, 0.0000
CMYK	0.38, 0.41, 0.00, 0.00
HSL	243°, 100%, 80%
HSV	243°, 41%, 100%
XYZ	43.0212, 36.5213, 99.3896
YIQ	164.6500, -29.8080, 33.6160

Conversions

Conversions Part 2

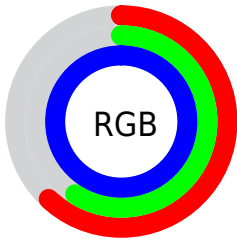
Format	Color
RYB	157, 151, 255
Decimal	10328063
CIELab	66.92, 26.50, -51.05
CIElCh	67, 57.520, 297.435
Yxy	36.5213, 0.2404, 0.2041
Android (android.graphics.Color)	4288518143 (0xFF9D97FF)
YUV	164.6500, 44.5426, -6.7090
Hunter-Lab	60.4329, 21.3138, -55.2070

Details

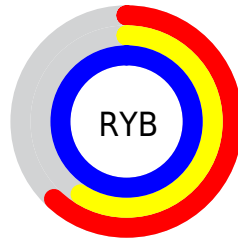
The XYZ color **43.0212, 36.5213, 99.3896** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.4125, 93.8939, 43.1644**, and the grayscale version is **35.4017, 37.2454, 40.5602**.

A 20% lighter version of the original color is **67.9057, 65.3297, 103.6386**, and **20.1170, 15.9583, 55.4460** is the 20% darker color. If you saturate the color by 10%, you get **35.1164, 26.9994, 97.9683**, and if you desaturate by 10%, it is **52.7378, 48.2958, 101.1502**.

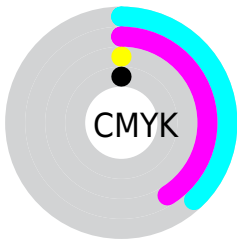
Distribution



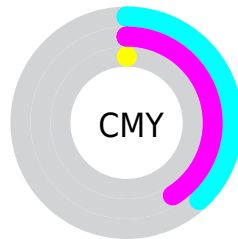
- Red (62%)
- Green (59%)
- Blue (100%)



- Red (62%)
- Yellow (59%)
- Blue (100%)



- Cyan (38%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0212, 36.5213, 99.3896 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 43.0212, 36.5213, 99.3896 by changing the saturation by 10% instead.

■ 43.0212, 36.5213,
99.3896

■ 43.0212, 36.5213,
99.3896

349.6190,
331.2333, 579.4639

■ 30.0963, 24.8371,
75.1768

■ 78.9984, 69.8359,
162.3627

■ 20.0602, 15.9557,
55.2552

■ 102.7814, 92.2351,
201.9600

■ 12.5473, 9.4928,
39.2061

130.9145,
118.9747, 247.5226

■ 7.1924, 5.0640,
26.6110

163.7631,
150.4392, 299.4691

■ 3.6301, 2.2849,
17.0514

201.6924,
187.0129, 358.2179

■ 1.4951, 0.7657,
10.1088

245.0680,

■ 0.3225, 0.0000,

229.0802, 424.1876

5.3646

294.2550,
277.0256, 497.7967

■ 0.0000, 0.0000,
2.4003

■ 0.0000, 0.0000,
0.7866

■ 43.0212, 36.5213,
99.3896

■ 43.0212, 36.5213,
99.3896

■ 35.1164, 26.9994,
97.9683

■ 52.7378, 48.2958,
101.1502

■ 28.9076, 19.5827,
96.8640

■ 64.3648, 62.4501,
103.2694

■ 24.2714, 14.1124,
96.0525

■ 77.9984, 79.1063,
105.7658

■ 21.0661, 10.4055,
95.5059

■ 93.7271, 98.3770,
108.6565

■ 19.1245, 8.2437,
95.1910

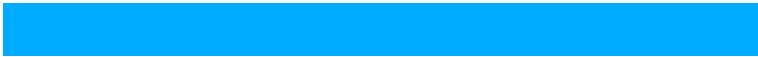
95.0500, 100.0000,
108.9000

■ 18.2424, 7.3192,
95.0590

Harmonies

Analogous

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



33.9678, 36.5213, 109.5725



43.0212, 36.5213, 99.3896



50.8398, 36.5213, 71.6001

Triad

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



43.0212, 36.5213, 99.3896



44.5375, 36.5213, 11.4795



20.5170, 36.5213, 37.6560

Complementary

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



43.0212, 36.5213, 99.3896



80.4125, 93.8939, 43.1644

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.



22.4167, 36.5213, 19.1211



43.0212, 36.5213, 99.3896



35.4678, 36.5213, 8.5060

Square

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



43.0212, 36.5213, 99.3896



51.8132, 36.5213, 21.4966



27.5488, 36.5213, 10.5667



21.8610, 36.5213, 66.2339

Rectangle

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



43.0212, 36.5213, 99.3896



53.7751, 36.5213, 51.1480



27.5488, 36.5213, 10.5667



20.7891, 36.5213, 30.2109

Sweetspot

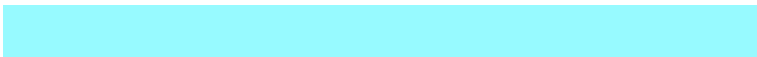
The Sweet Spot groups the original color and five complimentary colors.



43.0225, 36.5226, 99.3898



76.2294, 76.9422, 105.4413



64.9365, 82.0466, 107.0218



15.9170, 15.9806, 22.4956



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.



43.0225, 36.5226, 99.3898



36.3986, 28.5390, 98.1979



55.1861, 42.7931, 99.9590



17.1000, 17.4278, 22.7126



9.5700, 3.8440, 49.6722



0.9644, 0.3911, 4.8379

Inverse Universe

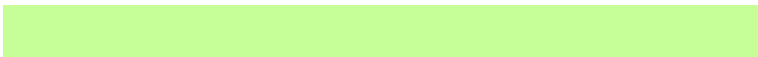
The Inverse Universe completely reimagines the original color for something new.



69.4057, 50.2335, 95.6593



66.1399, 44.0028, 93.6432



64.5825, 85.7333, 42.4236



18.7447, 18.2812, 22.5389



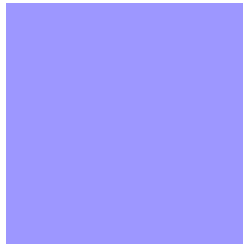
29.8088, 14.4128, 44.5049



2.9156, 1.4086, 4.4031

Previews

White Background



This preview shows how the XYZ color 43.0212, 36.5213, 99.3896 looks on a white background.

Color Contrast Check

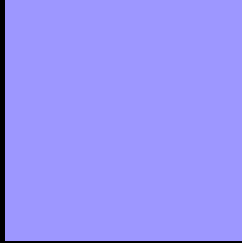
Large Text (above 18pt) WCAG AA × Fail

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 43.0212, 36.5213, 99.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

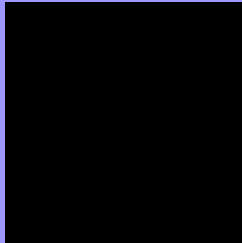
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0212, 36.5213, 99.3896

Background



This preview shows how black text looks on a background with the XYZ color 43.0212, 36.5213, 99.3896.



This preview shows how white text looks on a background with the XYZ color 43.0212, 36.5213,

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

43.0212, 36.5213, 99.3896

Protanopia

39.3732, 36.8736, 99.6499

Deuteranopia

37.8524, 36.6455, 98.0068



Tritanopia

32.7044, 36.4217, 48.4864

Trichromacy



Original Color

43.0212, 36.5213, 99.3896

Protanomaly

40.5882, 36.7372, 99.5595

Deuteranomaly

39.4763, 36.4348, 98.7179

Tritanomaly

35.8614, 36.1057, 64.1105

Monochromacy



Original Color

43.0212, 36.5213, 99.3896

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6641, 36.9002, 58.5634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0212, 36.5213, 99.3896 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(157, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 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(157, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.0212, 36.5213, 99.3896 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(157, 151, 255) }
```


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

```
.border{ border-color:rgb(157, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0212, 36.5213, 99.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 255) }
```

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

```
.background{ background-color: rgb(157,  
151, 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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