

Converting Colors

XYZ(43.3915, 38.3991, 99.7325)

Have a look what the booklet for
XYZ(43.3915, 38.3991, 99.7325)
contains.

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Color

**XYZ(43.4137, 38.4460,
99.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	999EFF
RGB	153, 158, 255
RGB Percent	60%, 62%, 100%
CMY	0.4000, 0.3804, 0.0000
CMYK	0.40, 0.38, 0.00, 0.00
HSL	237°, 100%, 80%
HSV	237°, 40%, 100%
XYZ	43.4137, 38.4460, 99.7404
YIQ	167.5630, -34.1170, 29.1070

Conversions

Conversions Part 2

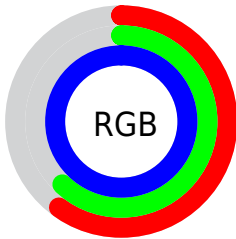
Format	Color
RYB	153, 158, 255
Decimal	10067711
CIELab	68.35, 21.49, -48.81
CIELCh	68, 53.333, 293.767
Yxy	38.4460, 0.2391, 0.2117
Android (android.graphics.Color)	4288257791 (0xFF999EFF)
YUV	167.5630, 43.1064, -12.7718
Hunter-Lab	62.0048, 16.4712, -51.9699

Details

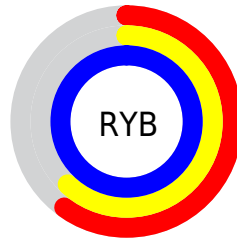
The XYZ color **43.4137, 38.4460, 99.7404** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.1763, 91.9323, 43.6052**, and the grayscale version is **36.8144, 38.7316, 42.1787**.

A 20% lighter version of the original color is **68.7082, 68.6574, 104.2386**, and **20.3805, 17.1340, 55.6591** is the 20% darker color. If you saturate the color by 10%, you get **35.3686, 28.7526, 98.2934**, and if you desaturate by 10%, it is **53.3059, 50.3044, 101.5079**.

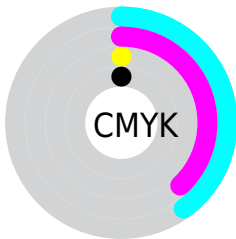
Distribution



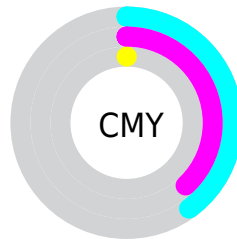
- Red (60%)
- Green (62%)
- Blue (100%)



- 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 43.4137, 38.4460, 99.7404 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 43.4137, 38.4460, 99.7404 by changing the saturation by 10% instead.

■ 43.4137, 38.4460,
99.7404

■ 43.4137, 38.4460,
99.7404

351.2031,
339.5293, 580.5996

■ 30.4058, 26.3290,
75.4681

■ 79.5866, 72.7912,
162.8492

■ 20.2964, 17.0699,
55.4924

■ 103.4823, 95.7883,
202.5227

■ 12.7202, 10.2844,
39.3948

131.7379,
123.1808, 248.1670

■ 7.3118, 5.5879,
26.7568

164.7189,
155.3532, 300.2006

■ 3.7059, 2.5962,
17.1599

202.7906,
192.6898, 359.0422

■ 1.5371, 0.9247,
10.1854

246.3182,

■ 0.3509, 0.0000,

235.5751, 425.1102

5.4148

295.6673,
284.3935, 498.8232

■ 0.0000, 0.0000,
2.4297

■ 0.0000, 0.0000,
0.8025

■ 43.4137, 38.4460,
99.7404

■ 43.4137, 38.4460,
99.7404

■ 35.3686, 28.7526,
98.2934

■ 53.3059, 50.3044,
101.5079

■ 29.0523, 21.0897,
97.1472

■ 65.1457, 64.4434,
103.6130

■ 24.3391, 15.3139,
96.2808

■ 79.0313, 80.9752,
106.0721

■ 21.0843, 11.2615,
95.6702

95.0500, 100.0000,
108.9000

■ 19.1173, 8.7408,
95.2873

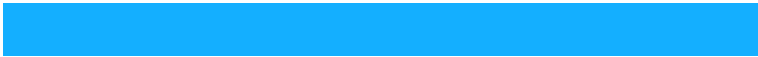
■ 18.1877, 7.4953,
95.0959

■ 18.1876, 7.4951,
95.0959

Harmonies

Analogous

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



34.8236, 38.4460, 106.3643



43.4137, 38.4460, 99.7404



51.1088, 38.4460, 75.4102

Triad

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



43.4137, 38.4460, 99.7404



46.8948, 38.4460, 14.6173



22.7734, 38.4460, 37.0576

Complementary

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



43.4137, 38.4460, 99.7404



81.1763, 91.9323, 43.6052

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.



25.0445, 38.4460, 20.1136



43.4137, 38.4460, 99.7404



38.3156, 38.4460, 10.7404

Square

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



43.4137, 38.4460, 99.7404



53.3235, 38.4460, 25.9078



30.4362, 38.4460, 12.2755



23.7117, 38.4460, 63.3015

Rectangle

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



43.4137, 38.4460, 99.7404



54.2588, 38.4460, 56.1003



30.4362, 38.4460, 12.2755



23.1741, 38.4460, 30.2616

Sweetspot

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



43.4150, 38.4473, 99.7406



76.0836, 77.4694, 105.5508



66.1374, 85.1886, 103.3177



15.8831, 16.1034, 22.5211



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.



43.4150, 38.4473, 99.7406



36.8344, 30.5231, 98.5579



52.9692, 42.1327, 99.9484



17.0744, 17.5204, 22.7318



9.5332, 3.9761, 49.6996



0.9522, 0.4351, 4.8471

Inverse Universe

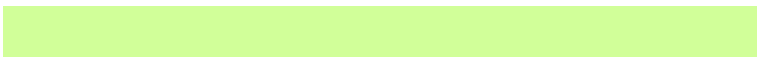
The Inverse Universe completely reimagines the original color for something new.



58.8037, 46.5126, 38.2275



54.2038, 39.7781, 29.0935



67.8335, 87.3902, 43.4317



18.0454, 18.0015, 18.8565



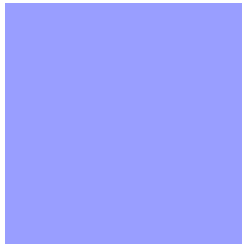
21.6001, 11.1293, 1.2789



2.1152, 1.0885, 0.1883

Previews

White Background



This preview shows how the XYZ color 43.4137, 38.4460, 99.7404 looks on a white background.

Color Contrast Check

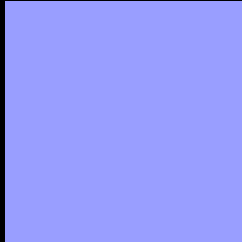
Large Text (above 18pt) WCAG AA × Fail

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 43.4137, 38.4460, 99.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

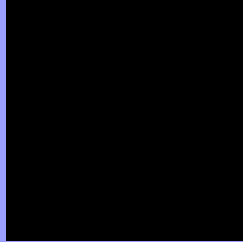
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4137, 38.4460, 99.7404

Background



This preview shows how black text looks on a background with the XYZ color 43.4137, 38.4460, 99.7404.



This preview shows how white text looks on a background with the XYZ color 43.4137, 38.4460,

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

43.4137, 38.4460, 99.7404

Protanopia

40.8201, 38.4009, 99.8684

Deuteranopia

39.6780, 38.6494, 98.2973



Tritanopia

33.7688, 38.2845, 52.0642

Trichromacy



Original Color

43.4137, 38.4460, 99.7404

Protanomaly

41.6101, 38.2852, 99.8044

Deuteranomaly

40.9783, 38.5010, 99.0376

Tritanomaly

36.7319, 38.0914, 67.0444

Monochromacy



Original Color

43.4137, 38.4460, 99.7404

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.8050, 38.5076, 60.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4137, 38.4460, 99.7404 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, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 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, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.4137, 38.4460, 99.7404 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, 158, 255) }
```


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

```
.border{ border-color:rgb(153, 158, 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, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4137, 38.4460, 99.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 255) }
```

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

```
.background{ background-color: rgb(153,  
158, 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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