

Converting Colors

XYZ(39.6265, 30.2030, 98.3490)

Have a look what the booklet for
XYZ(39.6265, 30.2030, 98.3490)
contains.

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Color

**XYZ(39.5502, 30.1538,
98.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	9B82FF
RGB	155, 130, 255
RGB Percent	61%, 51%, 100%
CMY	0.3921, 0.4902, 0.0000
CMYK	0.39, 0.49, 0.00, 0.00
HSL	252°, 100%, 75%
HSV	252°, 49%, 100%
XYZ	39.5502, 30.1538, 98.3435
YIQ	151.7250, -25.2250, 44.1750

Conversions

Conversions Part 2

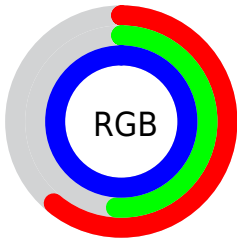
Format	Color
RYB	155, 130, 255
Decimal	10191615
CIELab	61.79, 38.00, -59.21
CIELCh	62, 70.355, 302.689
Yxy	30.1538, 0.2354, 0.1794
Android (android.graphics.Color)	4288381695 (0xFF9B82FF)
YUV	151.7250, 50.9146, 2.8722
Hunter-Lab	54.9125, 32.4661, -67.7445

Details

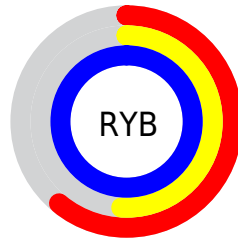
The XYZ color **39.5502, 30.1538, 98.3435** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **72.4218, 89.9544, 34.6657**, and the grayscale version is **29.5232, 31.0607, 33.8251**.

A 20% lighter version of the original color is **62.4241, 55.2331, 101.9787**, and **17.9837, 12.3652, 54.2622** is the 20% darker color. If you saturate the color by 10%, you get **32.9792, 22.3402, 97.1816**, and if you desaturate by 10%, it is **47.6251, 39.9909, 99.8166**.

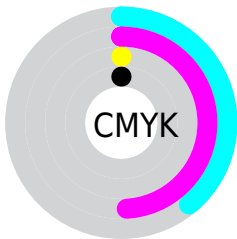
Distribution



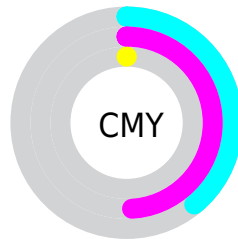
- Red (61%)
- Green (51%)
- Blue (100%)



- Red (61%)
- Yellow (51%)
- Blue (100%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5502, 30.1538, 98.3435 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 39.5502, 30.1538, 98.3435 by changing the saturation by 10% instead.

■ 39.5502, 30.1538,
98.3435

■ 39.5502, 30.1538,
98.3435

335.3911,
302.6207, 576.0699

■ 27.3707, 19.9554,
74.3087

■ 73.7668, 59.9053,
160.9109

■ 17.9898, 12.3626,
54.5484

■ 96.5346, 80.2272,
200.2805

■ 11.0423, 6.9911,
38.6441

■ 123.5624,
104.6923, 245.5989

■ 6.1628, 3.4566,
26.1773

155.2158,
133.6851, 297.2844

■ 2.9859, 1.3745,
16.7294

191.8600,
167.5899, 355.7558

■ 1.1463, 0.1978,
9.8818

233.8604,

■ 0.0633, 0.0000,

206.7912, 421.4314

5.2161

281.5823,
251.6733, 494.7300

■ 0.0000, 0.0000,
2.3136

■ 0.0000, 0.0000,
0.7389

■ 39.5502, 30.1538,
98.3435

■ 39.5502, 30.1538,
98.3435

■ 32.9792, 22.3402,
97.1816

■ 47.6251, 39.9909,
99.8166

■ 27.8123, 16.4035,
96.3081

■ 57.2881, 51.9780,
101.6211

■ 23.9424, 12.1817,
95.6971

■ 68.6212, 66.2346,
103.7756

■ 21.2439, 9.4830,
95.3185

■ 81.6996, 82.8705,
106.2973

■ 19.5457, 8.0314,
95.1278

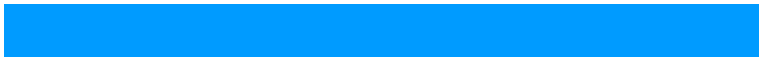
95.0500, 100.0000,
108.9000

■ 19.4155, 7.9240,
95.1139

Harmonies

Analogous

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



29.5150, 30.1538, 116.2156



39.5502, 30.1538, 98.3435



47.8655, 30.1538, 62.7037

Triad

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



39.5502, 30.1538, 98.3435



37.7608, 30.1538, 4.9964



14.1519, 30.1538, 35.3166

Complementary

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



39.5502, 30.1538, 98.3435



72.4218, 89.9544, 34.6657

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.



15.4327, 30.1538, 14.3733



39.5502, 30.1538, 98.3435



27.8222, 30.1538, 3.5408

Square

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



39.5502, 30.1538, 98.3435



46.6839, 30.1538, 12.0860



19.9789, 30.1538, 5.7197



15.9998, 30.1538, 69.3912

Rectangle

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



39.5502, 30.1538, 98.3435



50.5382, 30.1538, 39.8564



19.9789, 30.1538, 5.7197



14.2313, 30.1538, 26.6862

Sweetspot

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



39.5513, 30.1548, 98.3436



73.6633, 72.6283, 104.7439



55.5532, 68.5598, 104.9132



15.1933, 14.8172, 22.3092



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.



39.5513, 30.1548, 98.3436



32.9902, 22.3531, 97.1835



54.7972, 38.0144, 99.0571



17.3422, 17.5526, 22.7239



10.2403, 4.1895, 49.7035



1.0807, 0.4510, 4.8434

Inverse Universe

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



63.5055, 42.9388, 79.8021



59.8237, 36.7029, 75.0987



55.8319, 81.4020, 33.8893



18.6278, 18.2344, 21.9230



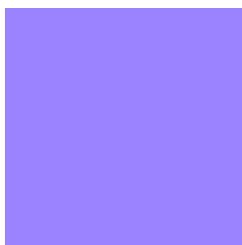
27.2982, 13.4086, 31.2845



2.6956, 1.3206, 3.2446

Previews

White Background



This preview shows how the XYZ color 39.5502, 30.1538, 98.3435 looks on a white background.

Color Contrast Check

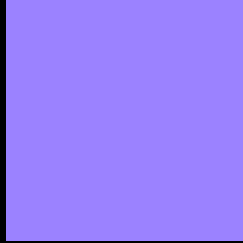
Large Text (above 18pt) WCAG AA × Fail

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 39.5502, 30.1538, 98.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

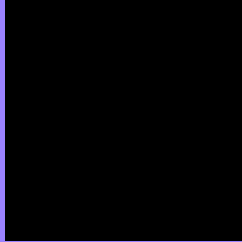
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5502, 30.1538, 98.3435

Background



This preview shows how black text looks on a background with the XYZ color 39.5502, 30.1538, 98.3435.



This preview shows how white text looks on a background with the XYZ color 39.5502, 30.1538,

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

39.5502, 30.1538, 98.3435

Protanopia

33.6957, 30.5445, 98.7275

Deuteranopia

31.5434, 30.4400, 95.4798



Tritanopia

27.7606, 30.2051, 39.4890

Trichromacy



Original Color

39.5502, 30.1538, 98.3435

Protanomaly

35.3132, 30.0411, 98.5450

Deuteranomaly

33.4566, 29.7990, 96.0839

Tritanomaly

31.2066, 29.7285, 56.9167

Monochromacy



Original Color

39.5502, 30.1538, 98.3435

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.2954, 30.3929, 52.3084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5502, 30.1538, 98.3435 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(155, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 130, 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(155, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 130, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5502, 30.1538, 98.3435 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(155, 130, 255) }
```


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

```
.border{ border-color:rgb(155, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 130,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5502, 30.1538, 98.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 130, 255) }
```

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

```
.background{ background-color: rgb(155,  
130, 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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