

Converting Colors

XYZ(38.4630, 28.5690, 98.0949)

Have a look what the booklet for
XYZ(38.4630, 28.5690, 98.0949)
contains.

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Color

**XYZ(38.5205, 28.6595,
98.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	997DFF
RGB	153, 125, 255
RGB Percent	60%, 49%, 100%
CMY	0.4000, 0.5098, 0.0000
CMYK	0.40, 0.51, 0.00, 0.00
HSL	253°, 100%, 75%
HSV	253°, 51%, 100%
XYZ	38.5205, 28.6595, 98.1093
YIQ	148.1920, -25.0420, 46.3660

Conversions

Conversions Part 2

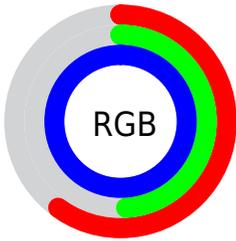
Format	Color
R _Y B	153, 125, 255
Decimal	10059263
CIE Lab	60.48, 40.36, -61.31
CIE LCh	60, 73.404, 303.357
Yxy	28.6595, 0.2330, 0.1734
Android (android.graphics.Color)	4288249343 (0xFF997DFF)
YUV	148.1920, 52.6563, 4.2166
Hunter-Lab	53.5346, 34.7532, -71.1827

Details

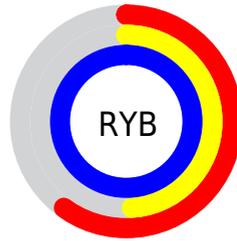
The XYZ color **38.5205, 28.6595, 98.1093** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **71.1394, 89.3311, 32.8958**, and the grayscale version is **28.0241, 29.4835, 32.1075**.

A 20% lighter version of the original color is **60.8344, 52.9097, 101.6140**, and **17.3134, 11.4963, 54.1298** is the 20% darker color. If you saturate the color by 10%, you get **32.2320, 21.2254, 97.0058**, and if you desaturate by 10%, it is **46.2728, 38.0788, 99.5188**.

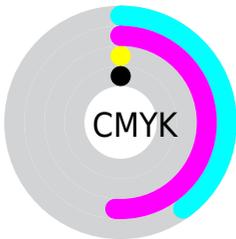
Distribution



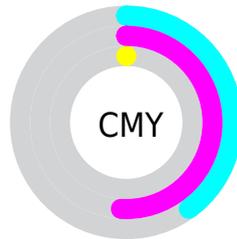
- Red (60%)
- Green (49%)
- Blue (100%)



- Red (60%)
- Yellow (49%)
- Blue (100%)



- Cyan (40%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5205, 28.6595, 98.1093 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 38.5205, 28.6595, 98.1093 by changing the saturation by 10% instead.

 38.5205, 28.6595,
98.1093

 38.5205, 28.6595,
98.1093

331.0899,
295.6050, 575.3086

 26.5660, 18.8234,
74.1144

 72.2040, 57.5357,
160.5856

 17.3824, 11.5427,
54.3903

 94.6637, 77.3445,
199.9042

 10.6045, 6.4331,
38.5185

 121.3558,
101.2464, 245.1677

 5.8669, 3.1102,
26.0804

152.6456,
129.6257, 296.7947

 2.8042, 1.1895,
16.6575

188.8986,
162.8668, 355.2037

 1.0511, 0.0531,
9.8312

230.4801,

 0.0000, 0.0000,

201.3541, 420.8134

5.1831

277.7554,
245.4720, 494.0421

■ 0.0000, 0.0000,
2.2945

■ 0.0000, 0.0000,
0.7281

■ 38.5205, 28.6595,
98.1093

■ 38.5205, 28.6595,
98.1093

■ 32.2320, 21.2254,
97.0058

■ 46.2728, 38.0788,
99.5188

■ 27.3078, 15.6279,
96.1849

■ 55.5728, 49.6113,
101.2547

■ 23.6401, 11.7015,
95.6204

■ 66.5019, 63.3776,
103.3358

■ 21.1023, 9.2484,
95.2806

■ 79.1346, 79.4883,
105.7797

■ 19.6217, 8.0302,
95.1236

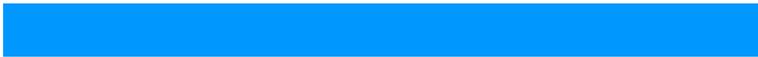
■ 93.5408, 98.0466,
108.6025

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



28.3196, 28.6595, 117.4952



38.5205, 28.6595, 98.1093



46.9562, 28.6595, 60.8932

Triad

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



38.5205, 28.6595, 98.1093



36.2416, 28.6595, 3.9579



12.8134, 28.6595, 34.3577

Complementary

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



38.5205, 28.6595, 98.1093



71.1394, 89.3311, 32.8958

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.



13.9979, 28.6595, 13.1844



38.5205, 28.6595, 98.1093



26.1882, 28.6595, 2.7366

Square

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



38.5205, 28.6595, 98.1093



45.4408, 28.6595, 10.4265



18.4096, 28.6595, 4.7794



14.6927, 28.6595, 69.5262

Rectangle

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



38.5205, 28.6595, 98.1093



49.6066, 28.6595, 37.6302



18.4096, 28.6595, 4.7794



12.8685, 28.6595, 25.5568

Sweetspot

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



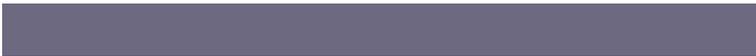
38.5216, 28.6605, 98.1095



73.8465, 72.7228, 104.7525



54.5271, 67.6189, 104.7856



15.2369, 14.8397, 22.3112



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.



38.5216, 28.6605, 98.1095



32.2207, 21.2122, 97.0039



53.7029, 36.4867, 98.8199



17.3687, 17.5663, 22.7252



10.3539, 4.2481, 49.7088



1.0953, 0.4586, 4.8441

Inverse Universe

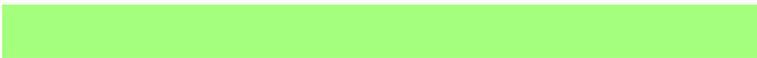
The Inverse Universe completely reimagines the original color for something new.



62.4386, 41.4736, 77.3852



58.8615, 35.5160, 72.5044



54.7719, 80.8934, 32.1298



18.6153, 18.2294, 21.8571



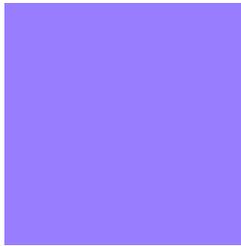
27.0581, 13.3125, 30.0199



2.6742, 1.3121, 3.1319

Previews

White Background



This preview shows how the XYZ color 38.5205, 28.6595, 98.1093 looks on a white background.

Color Contrast Check

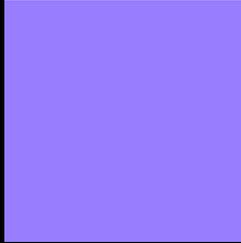
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5205, 28.6595, 98.1093 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 × Fail

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

XYZ 38.5205, 28.6595, 98.1093

Background



This preview shows how black text looks on a background with the XYZ color 38.5205, 28.6595, 98.1093.



This preview shows how white text looks on a background with the XYZ color 38.5205, 28.6595,

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

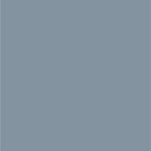
38.5205, 28.6595, 98.1093

Protanopia

32.2372, 28.8932, 98.4856

Deuteranopia

29.9358, 28.9278, 94.4483



Tritanopia

26.2951, 28.5432, 37.3812

Trichromacy



Original Color

38.5205, 28.6595, 98.1093

Protanomaly

33.9244, 28.4732, 98.3156

Deuteranomaly

31.8403, 28.0902, 95.8392

Tritanomaly

29.8759, 28.1853, 55.4954

Monochromacy



Original Color

38.5205, 28.6595, 98.1093

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.9254, 28.8281, 50.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5205, 28.6595, 98.1093 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, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 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, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.5205, 28.6595, 98.1093 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, 125, 255) }
```

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

```
.border{ border-color:rgb(153, 125, 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, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 125, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 125, 255); box-shadow:4px 4px 4px 4px rgb(153, 125, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5205, 28.6595, 98.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 255) }
```

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

```
.background{ background-color: rgb(153,  
125, 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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