

Converting Colors

XYZ(41.2210, 31.0262, 98.4238)

Have a look what the booklet for
XYZ(41.2210, 31.0262, 98.4238)
contains.

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Color

**XYZ(41.1369, 30.9718,
98.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	A382FF
RGB	163, 130, 255
RGB Percent	64%, 51%, 100%
CMY	0.3608, 0.4902, 0.0000
CMYK	0.36, 0.49, 0.00, 0.00
HSL	256°, 100%, 75%
HSV	256°, 49%, 100%
XYZ	41.1369, 30.9718, 98.4177
YIQ	154.1170, -20.4570, 45.8710

Conversions

Conversions Part 2

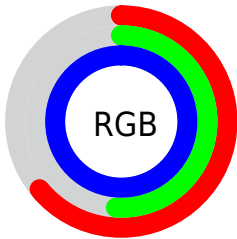
Format	Color
R_{YB}	163, 130, 255
Decimal	10715903
CIE _{Lab}	62.48, 39.92, -58.06
CIE _{LCh}	62, 70.458, 304.511
Yxy	30.9718, 0.2412, 0.1816
Android (android.graphics.Color)	4288905983 (0xFFA382FF)
YUV	154.1170, 49.7353, 7.7904
Hunter-Lab	55.6523, 34.5515, -65.8941

Details

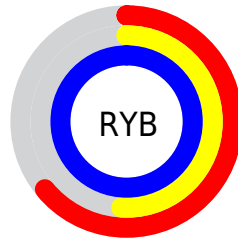
The XYZ color **41.1369, 30.9718, 98.4177** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **69.9131, 88.6611, 34.5484**, and the grayscale version is **30.5626, 32.1542, 35.0160**.

A 20% lighter version of the original color is **65.0093, 56.8731, 102.1590**, and **18.8906, 12.8327, 54.3046** is the 20% darker color. If you saturate the color by 10%, you get **34.5940, 23.1727, 97.2572**, and if you desaturate by 10%, it is **49.0927, 40.7476, 99.8853**.

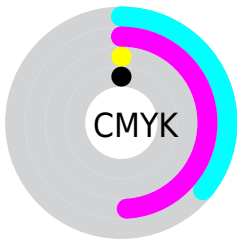
Distribution



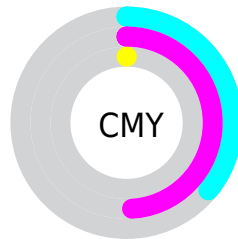
- Red (64%)
- Green (51%)
- Blue (100%)



- Red (64%)
- Yellow (51%)
- Blue (100%)



- Cyan (36%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1369, 30.9718, 98.4177 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 41.1369, 30.9718, 98.4177 by changing the saturation by 10% instead.


 41.1369, 30.9718,
98.4177

 41.1369, 30.9718,
98.4177

341.9453,
306.4084, 576.3110


 28.6142, 20.5774,
74.3702


 76.1651, 61.1957,
161.0139

 18.9320, 12.8154,
54.5985


 99.4013, 81.7939,
200.3997

 11.7249, 7.3016,
38.6839


 126.9393,
106.5622, 245.7354

 6.6275, 3.6514,
26.2080

159.1446,
135.8850, 297.4395

 3.2745, 1.4805,
16.7522

196.3825,
170.1465, 355.9306

 1.3005, 0.2750,
9.8979

239.0183,

 0.1836, 0.0000,

209.7314, 421.6272

5.2266

287.4175,
255.0239, 494.9478

■ 0.0000, 0.0000,
2.3197

■ 0.0000, 0.0000,
0.7422

■ 41.1369, 30.9718,
98.4177

■ 41.1369, 30.9718,
98.4177

■ 34.5940, 23.1727,
97.2572

■ 49.0927, 40.7476,
99.8853

■ 29.3723, 17.2077,
96.3811

■ 58.5381, 52.6225,
101.6796

■ 25.3737, 12.9196,
95.7641

■ 69.5482, 66.7126,
103.8190

■ 22.4836, 10.1221,
95.3765

■ 82.1921, 83.1246,
106.3204

■ 20.5432, 8.5456,
95.1745

95.0500, 100.0000,
108.9000

■ 20.3871, 8.4248,
95.1594

Harmonies

Analogous

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



30.9083, 30.9718, 118.2124



41.1369, 30.9718, 98.4177



49.3580, 30.9718, 61.8509

Triad

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



41.1369, 30.9718, 98.4177



38.0838, 30.9718, 5.0204



14.6450, 30.9718, 38.0381

Complementary

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



41.1369, 30.9718, 98.4177



69.9131, 88.6611, 34.5484

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.



15.7604, 30.9718, 15.7541



41.1369, 30.9718, 98.4177



28.0147, 30.9718, 3.7511

Square

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



41.1369, 30.9718, 98.4177



47.3443, 30.9718, 11.8165



20.1980, 30.9718, 6.2764



16.7336, 30.9718, 73.2384

Rectangle

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



41.1369, 30.9718, 98.4177



51.8050, 30.9718, 39.0170



20.1980, 30.9718, 6.2764



14.6622, 30.9718, 28.9310

Sweetspot

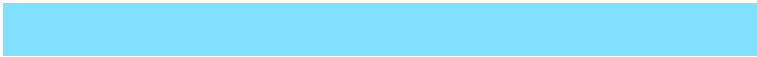
The Sweet Spot groups the original color and five complimentary colors.



41.1381, 30.9729, 98.4179



74.4293, 73.0232, 104.7798



53.8450, 65.1434, 104.3437



15.3758, 14.9113, 22.3177



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.



41.1381, 30.9729, 98.4179



34.6050, 23.1855, 97.2591



56.6962, 38.9934, 99.1460



17.4527, 17.6096, 22.7291



10.7714, 4.4633, 49.7284



1.1465, 0.4849, 4.8464

Inverse Universe

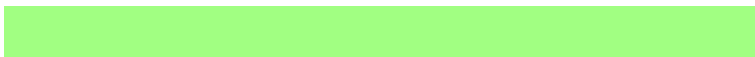
The Inverse Universe completely reimagines the original color for something new.



62.4075, 42.4997, 74.0201



58.5474, 36.1923, 68.3777



54.5382, 80.7350, 33.8289



18.5759, 18.2137, 21.6497



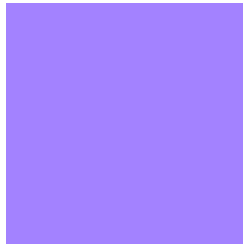
26.3384, 13.0247, 26.2302



2.6096, 1.2862, 2.7915

Previews

White Background



This preview shows how the XYZ color 41.1369, 30.9718, 98.4177 looks on a white background.

Color Contrast Check

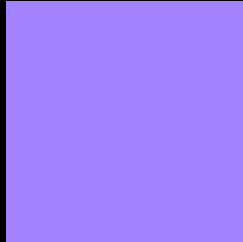
Large Text (above 18pt) WCAG AA × Fail

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 41.1369, 30.9718, 98.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

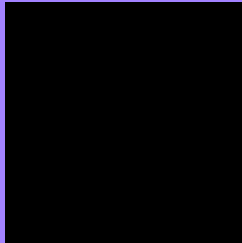
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1369, 30.9718, 98.4177

Background



This preview shows how black text looks on a background with the XYZ color 41.1369, 30.9718, 98.4177.

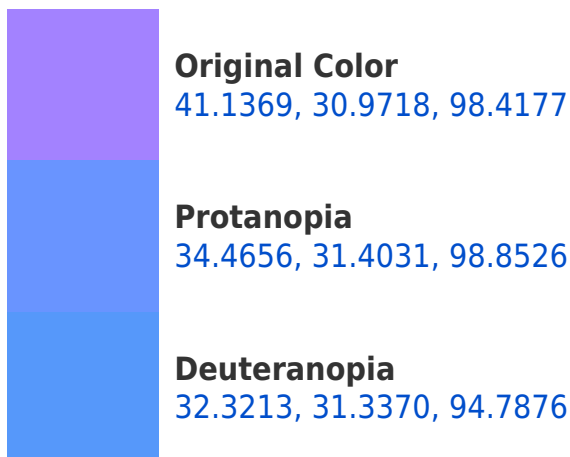


This preview shows how white text looks on a background with the XYZ color 41.1369, 30.9718,

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





Tritanopia

29.2568, 30.9764, 39.5590

Trichromacy



Original Color

41.1369, 30.9718, 98.4177

Protanomaly

36.1791, 30.7054, 98.6276

Deuteranomaly

34.4834, 30.5522, 96.1752

Tritanomaly

32.6290, 30.4618, 56.9833

Monochromacy



Original Color

41.1369, 30.9718, 98.4177

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.4340, 31.1805, 53.5465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1369, 30.9718, 98.4177 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(163, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 130, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.1369, 30.9718, 98.4177 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(163, 130, 255) }
```


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

```
.border{ border-color:rgb(163, 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(163, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 130,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1369, 30.9718, 98.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 130, 255) }
```

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

```
.background{ background-color: rgb(163,  
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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