

Converting Colors

XYZ(34.2019, 22.5999, 97.1673)

Have a look what the booklet for
XYZ(34.2019, 22.5999, 97.1673)
contains.

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Color

**XYZ(34.1291, 22.5624,
97.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	8F66FF
RGB	143, 102, 255
RGB Percent	56%, 40%, 100%
CMY	0.4392, 0.6000, 0.0000
CMYK	0.44, 0.60, 0.00, 0.00
HSL	256°, 100%, 70%
HSV	256°, 60%, 100%
XYZ	34.1291, 22.5624, 97.1639
YIQ	131.7010, -24.6770, 56.2750

Conversions

Conversions Part 2

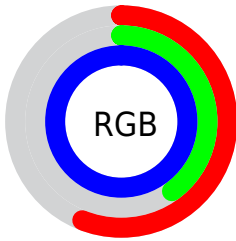
Format	Color
R _{YB}	143, 102, 255
Decimal	9398015
CIE _{Lab}	54.62, 50.99, -70.79
CIE _{LCh}	55, 87.248, 305.766
Yxy	22.5624, 0.2218, 0.1466
Android (android.graphics.Color)	4287588095 (0xFF8F66FF)
YUV	131.7010, 60.7864, 9.9092
Hunter-Lab	47.4999, 45.1290, -88.0313

Details

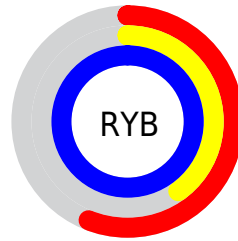
The XYZ color **34.1291, 22.5624, 97.1639** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **65.8887, 86.7749, 25.8472**, and the grayscale version is **21.6204, 22.7463, 24.7707**.

A 20% lighter version of the original color is **54.3999, 43.3592, 100.1097**, and **14.7857, 8.2810, 53.6424** is the 20% darker color. If you saturate the color by 10%, you get **29.0304, 16.7686, 96.3143**, and if you desaturate by 10%, it is **40.5378, 30.1755, 98.2956**.

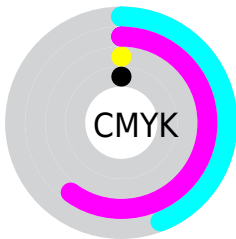
Distribution



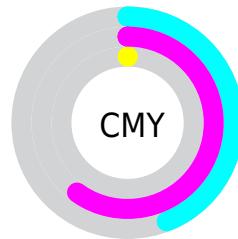
- Red (56%)
- Green (40%)
- Blue (100%)



- Red (56%)
- Yellow (40%)
- Blue (100%)



- Cyan (44%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1291, 22.5624, 97.1639 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 34.1291, 22.5624, 97.1639 by changing the saturation by 10% instead.

 34.1291, 22.5624,
97.1639


 34.1291, 22.5624,
97.1639

312.2831,
265.4694, 572.2299

 23.1562, 14.2707,
73.3305


 65.4773, 47.6738,
159.2720


 14.8302, 8.3092,
53.7528


 86.5833, 65.2623,
198.3837

 8.7858, 4.2934,
38.0122


 111.7977, 86.7185,
243.4253

 4.6577, 1.8390,
25.6903

 141.4859,
112.4268, 294.8152

 2.0806, 0.5113,
16.3684

176.0131,
142.7717, 352.9721

 0.6786, 0.0000,
9.6280

215.7449,

 0.0000, 0.0000,

178.1375, 418.3145

5.0507

261.0464,
218.9086, 491.2609

■ 0.0000, 0.0000,
2.2178

■ 0.0000, 0.0000,
0.6846

■ 34.1291, 22.5624,
97.1639

■ 34.1291, 22.5624,
97.1639

■ 29.0304, 16.7686,
96.3143

■ 40.5378, 30.1755,
98.2956

■ 25.1390, 12.6320,
95.7210

■ 48.3424, 39.7467,
99.7317

■ 22.3396, 9.9635,
95.3535

■ 57.6243, 51.4031,
101.4924

■ 20.4578, 8.4613,
95.1627

■ 68.4577, 65.2608,
103.5962

■ 20.4577, 8.4612,
95.1627

■ 80.9116, 81.4267,
106.0602

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.



23.3512, 22.5624, 123.4756



34.1291, 22.5624, 97.1639



43.0380, 22.5624, 53.2455

Triad

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



34.1291, 22.5624, 97.1639



29.9396, 22.5624, 1.0226



7.8327, 22.5624, 30.2631

Complementary

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



34.1291, 22.5624, 97.1639



65.8887, 86.7749, 25.8472

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.



8.6418, 22.5624, 8.6400



34.1291, 22.5624, 97.1639



19.6452, 22.5624, 0.5148

Square

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



34.1291, 22.5624, 97.1639



40.1574, 22.5624, 4.8226



12.3718, 22.5624, 1.8014



9.6923, 22.5624, 70.1658

Rectangle

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



34.1291, 22.5624, 97.1639



45.5925, 22.5624, 28.6760



12.3718, 22.5624, 1.8014



7.8108, 22.5624, 20.8698

Sweetspot

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



34.1301, 22.5631, 97.1640



70.8161, 68.3052, 104.0596



47.6269, 58.2395, 103.3389



14.4275, 13.6783, 22.1297



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.



34.1301, 22.5631, 97.1640



28.1587, 15.8140, 96.1760



52.1053, 31.8297, 98.0052



17.4596, 17.6132, 22.7294



10.8097, 4.4831, 49.7302



1.1510, 0.4873, 4.8467

Inverse Universe

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



58.1286, 35.6178, 67.4269



54.6344, 30.2638, 61.2239



48.5901, 77.8571, 25.0377



18.5727, 18.2124, 21.6328



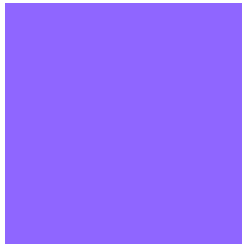
26.2820, 13.0021, 25.9333



2.6045, 1.2842, 2.7646

Previews

White Background



This preview shows how the XYZ color 34.1291, 22.5624, 97.1639 looks on a white background.

Color Contrast Check

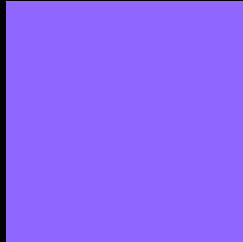
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1291, 22.5624, 97.1639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

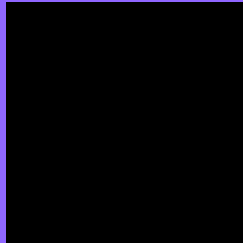
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1291, 22.5624, 97.1639

Background



This preview shows how black text looks on a background with the XYZ color 34.1291, 22.5624, 97.1639.



This preview shows how white text looks on a background with the XYZ color 34.1291, 22.5624,

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

34.1291, 22.5624, 97.1639

Protanopia

26.8262, 22.8198, 97.5985

Deuteranopia

23.0955, 22.6582, 80.2470



Tritanopia

20.4918, 22.4335, 29.6356

Trichromacy



Original Color

34.1291, 22.5624, 97.1639



Protanomaly

28.0674, 21.8274, 97.3415



Deuteranomaly

24.2529, 21.0000, 85.9942



Tritanomaly

24.0687, 21.7397, 48.2750

Monochromacy



Original Color

34.1291, 22.5624, 97.1639



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

24.9265, 22.0833, 44.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1291, 22.5624, 97.1639 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(143, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 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(143, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.1291, 22.5624, 97.1639 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(143, 102, 255) }
```


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

```
.border{ border-color:rgb(143, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1291, 22.5624, 97.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 255) }
```

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

```
.background{ background-color: rgb(143,  
102, 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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