

Converting Colors

XYZ(34.7136, 23.4622, 97.3068)

Have a look what the booklet for
XYZ(34.7136, 23.4622, 97.3068)
contains.

XYZ(34.7056, 23.4574, 97.3063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.7056, 23.4574,
97.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	906AFF
RGB	144, 106, 255
RGB Percent	56%, 42%, 100%
CMY	0.4353, 0.5843, 0.0000
CMYK	0.44, 0.58, 0.00, 0.00
HSL	255°, 100%, 71%
HSV	255°, 58%, 100%
XYZ	34.7056, 23.4574, 97.3063
YIQ	134.3480, -25.1810, 54.3950

Conversions

Conversions Part 2

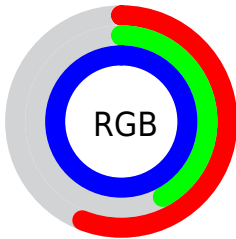
Format	Color
RYB	144, 106, 255
Decimal	9464575
CIELab	55.54, 49.01, -69.30
CIELCh	56, 84.879, 305.269
Yxy	23.4574, 0.2232, 0.1509
Android (android.graphics.Color)	4287654655 (0xFF906AFF)
YUV	134.3480, 59.4814, 8.4648
Hunter-Lab	48.4328, 43.1506, -85.2164

Details

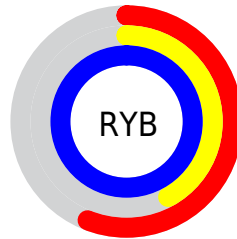
The XYZ color **34.7056, 23.4574, 97.3063** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **66.9761, 87.3119, 26.9590**, and the grayscale version is **22.5835, 23.7596, 25.8742**.

A 20% lighter version of the original color is **55.0767, 44.7128, 100.3353**, and **15.1484, 8.7444, 53.7128** is the 20% darker color. If you saturate the color by 10%, you get **29.4142, 17.3917, 96.4144**, and if you desaturate by 10%, it is **41.3382, 31.3743, 98.4848**.

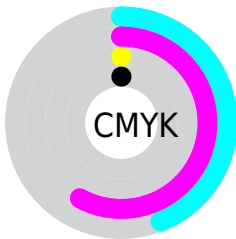
Distribution



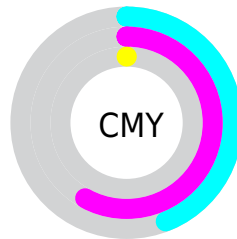
- Red (56%)
- Green (42%)
- Blue (100%)



- Red (56%)
- Yellow (42%)
- Blue (100%)



- Cyan (44%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7056, 23.4574, 97.3063 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 34.7056, 23.4574, 97.3063 by changing the saturation by 10% instead.


 34.7056, 23.4574,
97.3063

 34.7056, 23.4574,
97.3063


314.7978,
270.0657, 572.6942


 23.6016, 14.9316,
73.4485


 66.3665, 49.1433,
159.4699


 15.1615, 8.7714,
53.8488


 87.6541, 67.0722,
198.6128

 9.0199, 4.5924,
38.0884


 113.0670, 88.9042,
243.6879

 4.8114, 2.0101,
25.7489

 142.9705,
115.0238, 295.1136

 2.1706, 0.6134,
16.4118

177.7300,
145.8154, 353.3086

 0.7272, 0.0000,
9.6585

217.7108,

 0.0000, 0.0000,

181.6633, 418.6913

5.0705

263.2783,
222.9519, 491.6803

■ 0.0000, 0.0000,
2.2292

■ 0.0000, 0.0000,
0.6912

■ 34.7056, 23.4574,
97.3063

■ 34.7056, 23.4574,
97.3063

■ 29.4142, 17.3917,
96.4144

■ 41.3382, 31.3743,
98.4848

■ 25.3616, 13.0175,
95.7837

■ 49.3979, 41.2792,
99.9719

■ 22.4338, 10.1505,
95.3846

■ 58.9663, 53.2983,
101.7875

■ 20.4787, 8.5365,
95.1761

■ 70.1181, 67.5465,
103.9499

■ 20.2326, 8.3452,
95.1521

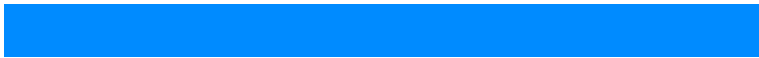
■ 82.9227, 84.1304,
106.4760

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.



24.0295, 23.4574, 122.2416



34.7056, 23.4574, 97.3063



43.5471, 23.4574, 54.5597

Triad

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



34.7056, 23.4574, 97.3063



30.9188, 23.4574, 1.3466



8.5283, 23.4574, 30.6960

Complementary

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



34.7056, 23.4574, 97.3063



66.9761, 87.3119, 26.9590

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.



9.4055, 23.4574, 9.2234



34.7056, 23.4574, 97.3063



20.6471, 23.4574, 0.7858

Square

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



34.7056, 23.4574, 97.3063



40.9582, 23.4574, 5.5904



13.2648, 23.4574, 2.1487



10.3890, 23.4574, 69.6871

Rectangle

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



34.7056, 23.4574, 97.3063



46.1373, 23.4574, 30.1411



13.2648, 23.4574, 2.1487



8.5203, 23.4574, 21.4347

Sweetspot

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



34.7066, 23.4581, 97.3064



70.6351, 68.2119, 104.0511



49.0008, 60.2977, 103.6638



14.3840, 13.6559, 22.1277



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.



34.7066, 23.4581, 97.3064



28.6989, 16.5976, 96.2988



52.0431, 32.3954, 98.1177



17.4372, 17.6016, 22.7284



10.6875, 4.4201, 49.7245



1.1365, 0.4798, 4.8460

Inverse Universe

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



58.9182, 36.5780, 69.5987



55.4263, 31.1249, 63.7153



49.7329, 78.4227, 26.1521



18.5831, 18.2166, 21.6878



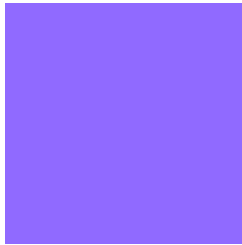
26.4667, 13.0760, 26.9058



2.6212, 1.2908, 2.8525

Previews

White Background



This preview shows how the XYZ color 34.7056, 23.4574, 97.3063 looks on a white background.

Color Contrast Check

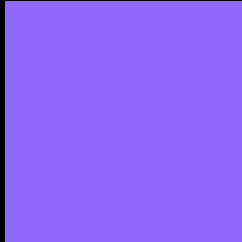
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7056, 23.4574, 97.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

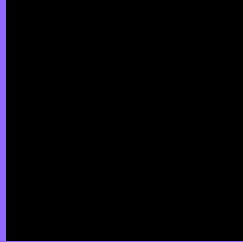
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7056, 23.4574, 97.3063

Background



This preview shows how black text looks on a background with the XYZ color 34.7056, 23.4574, 97.3063.



This preview shows how white text looks on a background with the XYZ color 34.7056, 23.4574,

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

34.7056, 23.4574, 97.3063

Protanopia

27.7039, 23.8503, 97.7512

Deuteranopia

24.0966, 23.5010, 84.1550



Tritanopia

21.3286, 23.4655, 30.5993

Trichromacy



Original Color

34.7056, 23.4574, 97.3063



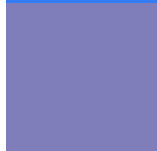
Protanomaly

29.1038, 23.0684, 97.5265



Deuteranomaly

24.9530, 21.6770, 88.4569



Tritanomaly

24.9489, 22.7244, 49.5257

Monochromacy



Original Color

34.7056, 23.4574, 97.3063



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

25.7248, 23.0329, 45.2094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7056, 23.4574, 97.3063 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(144, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 106, 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(144, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 106, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.7056, 23.4574, 97.3063 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(144, 106, 255) }
```


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

```
.border{ border-color:rgb(144, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 106,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7056, 23.4574, 97.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 106, 255) }
```

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

```
.background{ background-color: rgb(144,  
106, 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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