

Converting Colors

XYZ(36.2355, 24.7902, 97.4829)

Have a look what the booklet for
XYZ(36.2355, 24.7902, 97.4829)
contains.

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Color

**XYZ(36.0963, 24.6413,
97.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	966DFF
RGB	150, 109, 255
RGB Percent	59%, 43%, 100%
CMY	0.4117, 0.5725, 0.0000
CMYK	0.41, 0.57, 0.00, 0.00
HSL	257°, 100%, 71%
HSV	257°, 57%, 100%
XYZ	36.0963, 24.6413, 97.4615
YIQ	137.9030, -22.4300, 54.0980

Conversions

Conversions Part 2

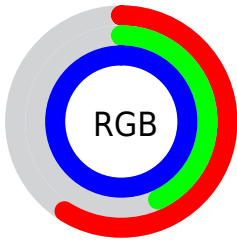
Format	Color
R _Y B	150, 109, 255
Decimal	9858559
CIE Lab	56.72, 48.62, -67.36
CIE LCh	57, 83.074, 305.821
Yxy	24.6413, 0.2282, 0.1558
Android (android.graphics.Color)	4288048639 (0xFF966DFF)
YUV	137.9030, 57.7288, 10.6091
Hunter-Lab	49.6400, 42.9283, -81.6600

Details

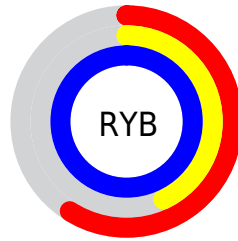
The XYZ color **36.0963, 24.6413, 97.4615** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **66.2511, 86.9199, 27.7539**, and the grayscale version is **23.9147, 25.1601, 27.3994**.

A 20% lighter version of the original color is **57.2648, 46.6160, 100.5873**, and **15.9564, 9.3833, 53.7935** is the 20% darker color. If you saturate the color by 10%, you get **30.6454, 18.3622, 96.5368**, and if you desaturate by 10%, it is **42.8662, 32.7717, 98.6740**.

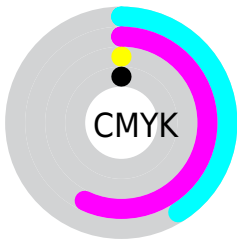
Distribution



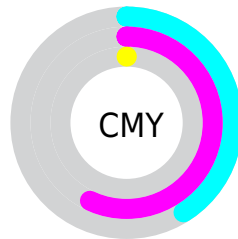
- Red (59%)
- Green (43%)
- Blue (100%)



- Red (59%)
- Yellow (43%)
- Blue (100%)



- Cyan (41%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0963, 24.6413, 97.4615 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 36.0963, 24.6413, 97.4615 by changing the saturation by 10% instead.

 36.0963, 24.6413,
97.4615


 36.0963, 24.6413,
97.4615

320.8052,
276.0468, 573.2000


 24.6790, 15.8100,
73.5772


 68.5036, 51.0747,
159.6856


 15.9655, 9.3898,
53.9534


 90.2243, 69.4456,
198.8625

 9.5905, 4.9963,
38.1715


 116.1102, 91.7652,
243.9741

 5.1885, 2.2451,
25.8129

 146.5267,
118.4178, 295.4388

 2.3941, 0.7444,
16.4592

181.8390,
149.7879, 353.6752

 0.8422, 0.0000,
9.6918

222.4127,

 0.0000, 0.0000,

186.2599, 419.1018

5.0922

268.6129,
228.2180, 492.1372

■ 0.0000, 0.0000,
2.2418

■ 0.0000, 0.0000,
0.6983

■ 36.0963, 24.6413,
97.4615

■ 36.0963, 24.6413,
97.4615

■ 30.6454, 18.3622,
96.5368

■ 42.8662, 32.7717,
98.6740

■ 26.4154, 13.7788,
95.8751

■ 51.0367, 42.8868,
100.1958

■ 23.2983, 10.7126,
95.4475

■ 60.6864, 55.1101,
102.0465

■ 21.1585, 8.9353,
95.2172

■ 71.8866, 69.5543,
104.2442

■ 20.6939, 8.5830,
95.1737

■ 84.7040, 86.3238,
106.8055

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.



25.3605, 24.6413, 122.5352



36.0963, 24.6413, 97.4615



44.8458, 24.6413, 55.1366

Triad

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



36.0963, 24.6413, 97.4615



31.9055, 24.6413, 1.6609



9.3509, 24.6413, 32.6102

Complementary

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



36.0963, 24.6413, 97.4615



66.2511, 86.9199, 27.7539

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.



10.2097, 24.6413, 10.3787



36.0963, 24.6413, 97.4615



21.5826, 24.6413, 1.0627

Square

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



36.0963, 24.6413, 97.4615



41.9963, 24.6413, 6.1575



14.1259, 24.6413, 2.6592



11.3343, 24.6413, 71.7070

Rectangle

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



36.0963, 24.6413, 97.4615



47.3330, 24.6413, 30.9071



14.1259, 24.6413, 2.6592



9.3257, 24.6413, 23.1285

Sweetspot

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



36.0973, 24.6421, 97.4616



72.1922, 69.9514, 104.3048



48.9299, 59.6174, 103.5362



14.9414, 14.3096, 22.2245



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.



36.0973, 24.6421, 97.4616



29.8217, 17.4445, 96.4031



53.3174, 33.5194, 98.2675



17.4819, 17.6247, 22.7305



10.9374, 4.5489, 49.7361



1.1660, 0.4950, 4.8474

Inverse Universe

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



58.8460, 37.0525, 67.6667



55.1298, 31.2953, 61.2637



49.8599, 78.4699, 26.9868



18.5623, 18.2082, 21.5782



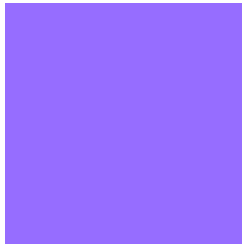
26.1029, 12.9304, 24.9900



2.5882, 1.2777, 2.6791

Previews

White Background



This preview shows how the XYZ color 36.0963, 24.6413, 97.4615 looks on a white background.

Color Contrast Check

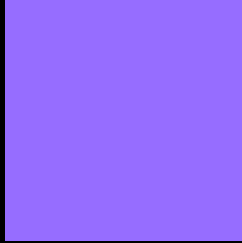
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0963, 24.6413, 97.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

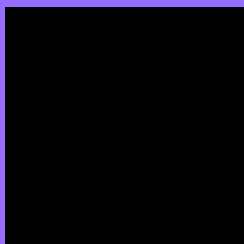
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0963, 24.6413, 97.4615

Background



This preview shows how black text looks on a background with the XYZ color 36.0963, 24.6413, 97.4615.



This preview shows how white text looks on a background with the XYZ color 36.0963, 24.6413,

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

22.7484, 24.3894, 31.5256

Trichromacy



Original Color

36.0963, 24.6413, 97.4615



Protanomaly

30.2947, 24.2320, 97.6883



Deuteranomaly

26.2638, 22.8305, 92.6450



Tritanomaly

26.3905, 23.8349, 50.2234

Monochromacy



Original Color

36.0963, 24.6413, 97.4615



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.0852, 24.2657, 46.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0963, 24.6413, 97.4615 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(150, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 109, 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(150, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 109, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.0963, 24.6413, 97.4615 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(150, 109, 255) }
```


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

```
.border{ border-color:rgb(150, 109, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 109, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 109,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0963, 24.6413, 97.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 109, 255) }
```

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

```
.background{ background-color: rgb(150,  
109, 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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