

Converting Colors

XYZ(24.2719, 10.7008, 82.9908)

Have a look what the booklet for
XYZ(24.2719, 10.7008, 82.9908)
contains.

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Color

**XYZ(24.3324, 10.7269,
83.2261)**

Conversions

Conversions Part 1

Format	Color
Hex	7E00F0
RGB	126, 0, 240
RGB Percent	49%, 0%, 94%
CMY	0.5059, 1.0000, 0.0588
CMYK	0.47, 1.00, 0.00, 0.06
HSL	272°, 100%, 47%
HSV	272°, 100%, 94%
XYZ	24.3324, 10.7269, 83.2261
YIQ	65.0340, -1.9440, 101.3520

Conversions

Conversions Part 2

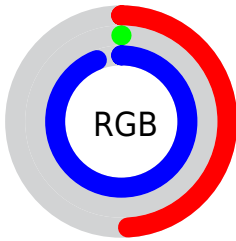
Format	Color
R _Y B	126, 0, 240
Decimal	8257776
CIE Lab	39.12, 79.91, -87.84
CIE LCh	39, 118.747, 312.295
Yxy	10.7269, 0.2057, 0.0907
Android (android.graphics.Color)	4286447856 (0xFF7E00F0)
YUV	65.0340, 86.2582, 53.4672
Hunter-Lab	32.7519, 75.2971, -127.7357

Details

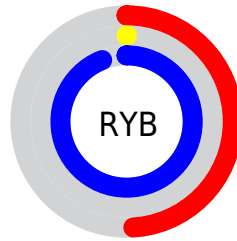
The XYZ color **24.3324, 10.7269, 83.2261** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **38.0990, 65.8975, 10.7115**, and the grayscale version is **4.9034, 5.1588, 5.6179**.

A 20% lighter version of the original color is **41.9787, 23.9237, 97.0130**, and **10.1308, 4.2473, 44.5418** is the 20% darker color. If you saturate the color by 10%, you get **24.3332, 10.7273, 83.2264**, and if you desaturate by 10%, it is **26.4379, 12.2972, 83.4185**.

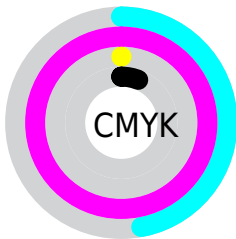
Distribution



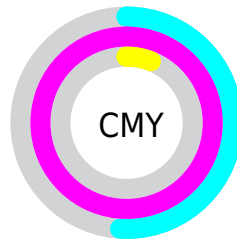
- Red (49%)
- Green (0%)
- Blue (94%)



- Red (49%)
- Yellow (0%)
- Blue (94%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (51%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3324, 10.7269, 83.2261 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 24.3324, 10.7269, 83.2261 by changing the saturation by 10% instead.


 24.3324, 10.7269,
83.2261


 24.3324, 10.7269,
83.2261


266.9061,
195.7842, 525.7305


 15.7064, 5.8835,
61.8350


 50.0228, 27.1540,
139.7442


 9.4062, 2.7744,
44.4645


 67.8180, 39.5066,
175.7082

 5.0663, 1.0151,
30.6959


 89.4003, 55.1310,
217.3669

 2.3214, 0.0000,
20.1109

 115.1351, 74.4116,
265.1390

 0.8056, 0.0000,
12.2908

 145.3877, 97.7328,
319.4428

 0.0000, 0.0000,
6.8171

 180.5235,

 0.0000, 0.0000,

125.4791, 380.6969

3.2713

220.9079,
158.0347, 449.3200

■ 0.0000, 0.0000,
1.2348

■ 0.0000, 0.0000,
0.0074

■ 24.3324, 10.7269,
83.2261

■ 24.3324, 10.7269,
83.2261

■ 24.3332, 10.7273,
83.2264

■ 26.4379, 12.2972,
83.4185

■ 29.1440, 14.7764,
83.7544

■ 32.5836, 18.4207,
84.2766

■ 36.8375, 23.3829,
85.0102

■ 41.9739, 29.7919,
85.9765

■ 48.0531, 37.7605,
87.1942

■ 55.1295, 47.3901,
88.6799

■ 63.2531, 58.7733,
90.4489

■ 72.4701, 71.9956,
92.5153

Harmonies

Analogous

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



13.8099, 10.7269, 127.9493



24.3324, 10.7269, 83.2261



32.7954, 10.7269, 30.6969

Triad

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



24.3324, 10.7269, 83.2261



15.5877, 10.7269, 0.0000



1.3655, 10.7269, 23.7043

Complementary

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



24.3324, 10.7269, 83.2261



38.0990, 65.8975, 10.7115

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.



1.4656, 10.7269, 2.7833



24.3324, 10.7269, 83.2261



7.2743, 10.7269, 0.0000

Square

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



24.3324, 10.7269, 83.2261



26.2006, 10.7269, 0.0000



2.9799, 10.7269, 0.0000



2.5527, 10.7269, 72.8666

Rectangle

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



24.3324, 10.7269, 83.2261



34.3712, 10.7269, 10.0128



2.9799, 10.7269, 0.0000



1.2788, 10.7269, 13.5222

Sweetspot

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



24.3332, 10.7273, 83.2264



63.1825, 54.2682, 101.7525



21.9736, 18.7821, 84.9055



12.7587, 10.5655, 21.6168



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.



24.3332, 10.7273, 83.2264



27.8625, 12.2785, 95.5092



51.0757, 24.5815, 81.4099



15.6893, 15.6371, 19.9129



13.4753, 5.9522, 45.5665



1.2359, 0.5544, 3.7961

Inverse Universe

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



38.9723, 19.7401, 17.6742



44.6985, 22.6434, 20.1423



31.1821, 62.3292, 10.5021



16.0854, 15.8839, 18.0060



21.4002, 10.8325, 10.0240



1.8302, 0.9211, 1.0969

Previews

White Background



This preview shows how the XYZ color 24.3324, 10.7269, 83.2261 looks on a white background.

Color Contrast Check

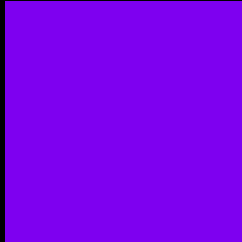
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.3324, 10.7269, 83.2261 looks on a black 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

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

XYZ 24.3324, 10.7269, 83.2261

Background



This preview shows how black text looks on a background with the XYZ color 24.3324, 10.7269, 83.2261.



This preview shows how white text looks on a background with the XYZ color 24.3324, 10.7269,

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

24.3324, 10.7269, 83.2261

Protanopia

12.9504, 11.0300, 50.1616

Deuteranopia

10.7937, 11.0101, 36.2066



Tritanopia

10.5681, 11.1187, 13.9010

Trichromacy



Original Color

24.3324, 10.7269, 83.2261

Protanomaly

13.9750, 8.0612, 60.4939

Deuteranomaly

12.1994, 7.6799, 50.1296

Tritanomaly

12.8769, 8.3823, 30.6450

Monochromacy



Original Color

24.3324, 10.7269, 83.2261

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.6859, 5.1971, 21.3142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3324, 10.7269, 83.2261 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(126, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 240)  
}
```

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(126, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 240) }
```

Border

The CSS property to change the border of an element to XYZ 24.3324, 10.7269, 83.2261 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(126, 0, 240) }
```


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

```
.border{ border-color:rgb(126, 0, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 0, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(126, 0,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3324, 10.7269, 83.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 240) }
```

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

```
.background{ background-color: rgb(126, 0,  
240) }
```

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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