

Converting Colors

XYZ(24.2654, 10.4241, 95.3409)

Have a look what the booklet for
XYZ(24.2654, 10.4241, 95.3409)
contains.

XYZ(24.2343, 10.4081, 95.3394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**XYZ(24.2343, 10.4081,
95.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	6C00FF
RGB	108, 0, 255
RGB Percent	42%, 0%, 100%
CMY	0.5764, 1.0000, 0.0000
CMYK	0.58, 1.00, 0.00, 0.00
HSL	265°, 100%, 50%
HSV	265°, 100%, 100%
XYZ	24.2343, 10.4081, 95.3394
YIQ	61.3620, -17.4870, 102.2010

Conversions

Conversions Part 2

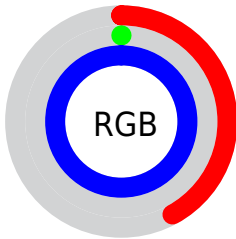
Format	Color
R_{YB}	108, 0, 255
Decimal	7078143
CIE _{Lab}	38.57, 81.86, -97.26
CIE _{LCh}	39, 127.124, 310.086
Yxy	10.4081, 0.1864, 0.0801
Android (android.graphics.Color)	4285268223 (0xFF6C00FF)
YUV	61.3620, 95.4635, 40.9015
Hunter-Lab	32.2616, 77.6281, -152.6306

Details

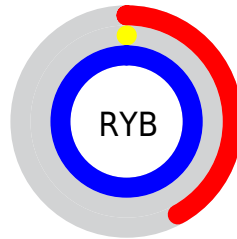
The XYZ color **24.2343, 10.4081, 95.3394** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **47.7913, 77.7224, 12.4831**, and the grayscale version is **4.3582, 4.5851, 4.9932**.

A 20% lighter version of the original color is **38.5979, 22.0713, 96.8336**, and **9.9888, 3.9984, 52.4699** is the 20% darker color. If you saturate the color by 10%, you get **24.2352, 10.4086, 95.3395**, and if you desaturate by 10%, it is **26.5349, 12.1262, 95.5498**.

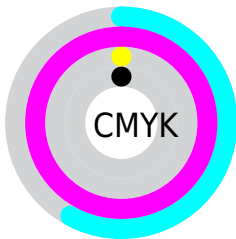
Distribution



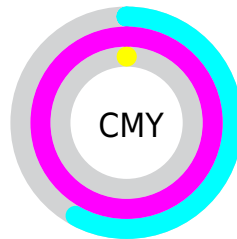
- Red (42%)
- Green (0%)
- Blue (100%)



- Red (42%)
- Yellow (0%)
- Blue (100%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2343, 10.4081, 95.3394 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 24.2343, 10.4081, 95.3394 by changing the saturation by 10% instead.


 24.2343, 10.4081,
95.3394

 24.2343, 10.4081,
95.3394


266.4214,
193.5605, 566.2630


 15.6332, 5.6704,
71.8190


 49.8642, 26.5603,
156.7330


 9.3542, 2.6457,
52.5249


 67.6236, 38.7436,
195.4434


 5.0319, 0.9497,
37.0385


 89.1666, 54.1775,
240.0541

 2.3009, 0.0000,
24.9413

 114.8584, 73.2465,
290.9839

 0.7951, 0.0000,
15.8147

 145.0645, 96.3348,
348.6511

 0.0000, 0.0000,
9.2402

 180.1501,

 0.0000, 0.0000,

123.8270, 413.4743

4.7992

220.4806,
156.1074, 485.8721

■ 0.0000, 0.0000,
2.0733

■ 0.0000, 0.0000,
0.5998

■ 24.2343, 10.4081,
95.3394

■ 24.2343, 10.4081,
95.3394

■ 24.2352, 10.4086,
95.3395

■ 26.5349, 12.1262,
95.5498

■ 29.6170, 14.9404,
95.9305

■ 33.6376, 19.1436,
96.5299

■ 38.6964, 24.9169,
97.3777

■ 44.8785, 32.4130,
98.4987

■ 52.2590, 41.7655,
99.9149

■ 60.9060, 53.0946,
101.6459

■ 70.8821, 66.5101,
103.7096

■ 82.2452, 82.1137,
106.1225

Harmonies

Analogous

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



12.9761, 10.4081, 143.4216



24.2343, 10.4081, 95.3394



33.9372, 10.4081, 35.2871

Triad

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



24.2343, 10.4081, 95.3394



16.4239, 10.4081, 0.0000



1.0130, 10.4081, 21.4321

Complementary

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



24.2343, 10.4081, 95.3394



47.7913, 77.7224, 12.4831

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.



1.1768, 10.4081, 1.7820



24.2343, 10.4081, 95.3394



7.3409, 10.4081, 0.0000

Square

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



24.2343, 10.4081, 95.3394



27.9399, 10.4081, 0.0000



2.7412, 10.4081, 0.0000



1.9955, 10.4081, 74.1222

Rectangle

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



24.2343, 10.4081, 95.3394



36.1660, 10.4081, 11.2638



2.7412, 10.4081, 0.0000



0.9597, 10.4081, 11.4018

Sweetspot

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



24.2352, 10.4086, 95.3395



60.9060, 53.0946, 101.6459



28.7579, 28.6359, 98.6193



12.2221, 10.2889, 21.5917



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.



24.2352, 10.4086, 95.3395



51.8997, 24.6701, 96.6341



17.7323, 17.7537, 22.7422



12.8253, 5.5222, 49.8245



1.3704, 0.6004, 4.8569

Inverse Universe

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



46.5059, 23.3664, 29.6598



36.0746, 71.6822, 11.9347



18.4484, 18.1627, 20.9781



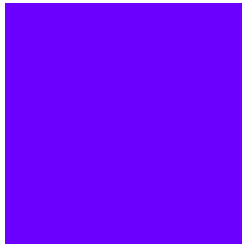
24.3766, 12.2399, 15.8995



2.4281, 1.2136, 1.8359

Previews

White Background



This preview shows how the XYZ color 24.2343, 10.4081, 95.3394 looks on a white background.

Color Contrast Check

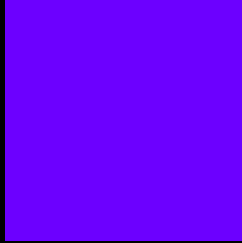
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2343, 10.4081, 95.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

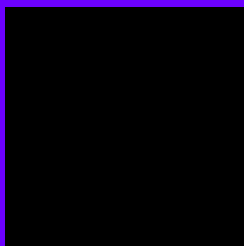
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2343, 10.4081, 95.3394

Background



This preview shows how black text looks on a background with the XYZ color 24.2343, 10.4081, 95.3394.



This preview shows how white text looks on a background with the XYZ color 24.2343, 10.4081,

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

24.2343, 10.4081, 95.3394

Protanopia

12.4353, 10.6899, 47.8623

Deuteranopia

10.3502, 10.6876, 34.3183



Tritanopia

8.3823, 10.6382, 15.5215

Trichromacy



Original Color

24.2343, 10.4081, 95.3394

Protanomaly

14.0577, 8.0607, 62.4430

Deuteranomaly

12.1902, 7.5581, 51.8553

Tritanomaly

10.7363, 7.4303, 34.5865

Monochromacy



Original Color

24.2343, 10.4081, 95.3394

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

8.0323, 4.7367, 22.3207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2343, 10.4081, 95.3394 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(108, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 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(108, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.2343, 10.4081, 95.3394 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(108, 0, 255) }
```

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

```
.border{ border-color:rgb(108, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(108, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 0,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2343, 10.4081, 95.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 255) }
```

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

```
.background{ background-color: rgb(108, 0,  
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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