

Converting Colors

XYZ(23.4183, 10.4725, 95.3948)

Have a look what the booklet for
XYZ(23.4183, 10.4725, 95.3948)
contains.

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Color

**XYZ(23.4136, 10.4699,
95.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	6218FF
RGB	98, 24, 255
RGB Percent	38%, 9%, 100%
CMY	0.6157, 0.9059, 0.0000
CMYK	0.62, 0.91, 0.00, 0.00
HSL	259°, 100%, 55%
HSV	259°, 91%, 100%
XYZ	23.4136, 10.4699, 95.3946
YIQ	72.4600, -30.0470, 87.5290

Conversions

Conversions Part 2

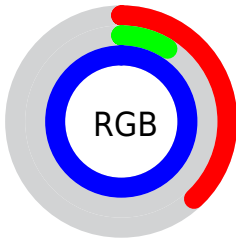
Format	Color
R _Y B	98, 24, 255
Decimal	6428927
CIE Lab	38.67, 77.78, -97.11
CIE LCh	39, 124.417, 308.691
Yxy	10.4699, 0.1811, 0.0810
Android (android.graphics.Color)	4284619007 (0xFF6218FF)
YUV	72.4600, 89.9922, 22.3986
Hunter-Lab	32.3572, 72.5370, -152.1469

Details

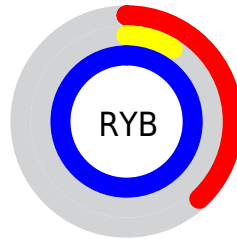
The XYZ color **23.4136, 10.4699, 95.3946** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **54.9767, 81.4076, 13.6793**, and the grayscale version is **6.0922, 6.4095, 6.9800**.

A 20% lighter version of the original color is **37.1841, 22.1434, 96.9220**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **21.5040, 9.0006, 95.2116**, and if you desaturate by 10%, it is **26.2837, 13.1257, 95.7559**.

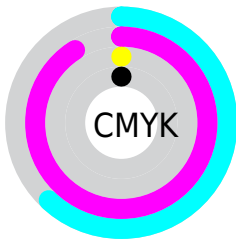
Distribution



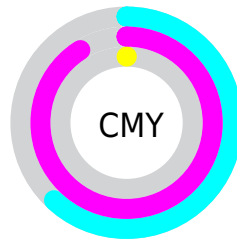
- Red (38%)
- Green (9%)
- Blue (100%)



- Red (38%)
- Yellow (9%)
- Blue (100%)



- Cyan (62%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)




- Cyan (62%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4136, 10.4699, 95.3946 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 23.4136, 10.4699, 95.3946 by changing the saturation by 10% instead.


 23.4136, 10.4699,
95.3946


 23.4136, 10.4699,
95.3946


262.3381,
193.9937, 566.4441

 15.0216, 5.7116,
71.8647


 48.5332, 26.6757,
156.8099


 8.9209, 2.6705,
52.5620


 65.9916, 38.8919,
195.5325


 4.7463, 0.9622,
37.0679


 87.2027, 54.3630,
240.1563

 2.1324, 0.0000,
24.9639

 112.5320, 73.4732,
291.1000

 0.7068, 0.0000,
15.8314

 142.3449, 96.6070,
348.7821

 0.0000, 0.0000,
9.2519

 177.0066,

 0.0000, 0.0000,

124.1487, 413.6211

4.8068

216.8826,
156.4828, 486.0356

■ 0.0000, 0.0000,
2.0776

■ 0.0000, 0.0000,
0.6024

■ 23.4136, 10.4699,
95.3946

■ 23.4136, 10.4699,
95.3946

■ 21.5040, 9.0006,
95.2116

■ 26.2837, 13.1257,
95.7559

■ 30.1859, 17.2104,
96.3387

■ 35.2315, 22.9125,
97.1734

■ 41.5151, 30.3905,
98.2856

■ 49.1205, 39.7831,
99.6977

■ 58.1236, 51.2152,
101.4298

■ 68.5942, 64.8008,
103.5002

■ 80.5974, 80.6452,
105.9259

■ 94.1941, 98.8469,
108.7225

Harmonies

Analogous

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



12.5280, 10.4699, 139.5600



23.4136, 10.4699, 95.3946



33.0418, 10.4699, 36.9296

Triad

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



23.4136, 10.4699, 95.3946



16.8482, 10.4699, 0.0000



1.0876, 10.4699, 19.6715

Complementary

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



23.4136, 10.4699, 95.3946



54.9767, 81.4076, 13.6793

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.



1.3057, 10.4699, 1.6062



23.4136, 10.4699, 95.3946



7.7547, 10.4699, 0.0000

Square

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



23.4136, 10.4699, 95.3946



28.0196, 10.4699, 0.0000



2.9925, 10.4699, 0.0000



2.0222, 10.4699, 69.3027

Rectangle

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



23.4136, 10.4699, 95.3946



35.4890, 10.4699, 12.4626



2.9925, 10.4699, 0.0000



1.0477, 10.4699, 10.3994

Sweetspot

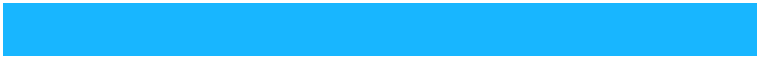
The Sweet Spot groups the original color and five complimentary colors.



23.4143, 10.4700, 95.3946



61.7121, 55.8414, 102.1336



35.1231, 40.8074, 100.6332



12.4778, 11.0097, 21.7174



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.



23.4143, 10.4700, 95.3946



21.5040, 9.0006, 95.2116



45.7151, 21.9665, 96.4382



17.5509, 17.6602, 22.7337



11.3732, 4.7736, 49.7565



1.2156, 0.5206, 4.8497

Inverse Universe

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



49.9051, 25.2484, 45.9498



48.8115, 24.2886, 41.8009



38.1947, 72.7561, 12.8939



18.5305, 18.1955, 21.4107



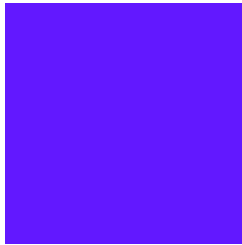
25.5762, 12.7198, 22.2163



2.5401, 1.2584, 2.4258

Previews

White Background



This preview shows how the XYZ color 23.4136, 10.4699, 95.3946 looks on a white background.

Color Contrast Check

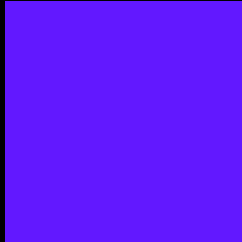
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4136, 10.4699, 95.3946 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 23.4136, 10.4699, 95.3946

Background



This preview shows how black text looks on a background with the XYZ color 23.4136, 10.4699, 95.3946.



This preview shows how white text looks on a background with the XYZ color 23.4136, 10.4699,

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

23.4136, 10.4699, 95.3946

Protanopia

12.1415, 10.4401, 46.7226

Deuteranopia

10.0885, 10.4397, 33.3816



Tritanopia

7.4140, 10.4115, 16.0869

Trichromacy



Original Color

23.4136, 10.4699, 95.3946

Protanomaly

14.2507, 8.8088, 61.9219

Deuteranomaly

12.4813, 8.4816, 51.4313

Tritanomaly

9.6317, 7.7488, 35.1704

Monochromacy



Original Color

23.4136, 10.4699, 95.3946

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.4197, 6.3458, 25.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4136, 10.4699, 95.3946 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(98, 24, 255) looks like.

```
.text, #text, p{  
    color:rgb(98, 24, 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(98, 24, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 24, 255) }
```

Border

The CSS property to change the border of an element to XYZ 23.4136, 10.4699, 95.3946 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(98, 24, 255) }
```


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

```
.border{ border-color:rgb(98, 24, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 24, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 24, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 24, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 24,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4136, 10.4699, 95.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 24, 255) }
```

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

```
.background{ background-color: rgb(98, 24,  
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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