

Converting Colors

XYZ(23.4996, 10.4755, 95.3911)

Have a look what the booklet for
XYZ(23.4996, 10.4755, 95.3911)
contains.

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Color

**XYZ(23.5020, 10.4854,
95.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	6317FF
RGB	99, 23, 255
RGB Percent	39%, 9%, 100%
CMY	0.6117, 0.9098, 0.0000
CMYK	0.61, 0.91, 0.00, 0.00
HSL	260°, 100%, 55%
HSV	260°, 91%, 100%
XYZ	23.5020, 10.4854, 95.3929
YIQ	72.1720, -29.1760, 88.2640

Conversions

Conversions Part 2

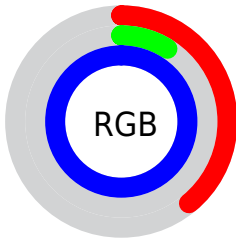
Format	Color
R _Y B	99, 23, 255
Decimal	6494207
CIE Lab	38.70, 78.05, -97.06
CIE LCh	39, 124.554, 308.804
Yxy	10.4854, 0.1817, 0.0810
Android (android.graphics.Color)	4284684287 (0xFF6317FF)
YUV	72.1720, 90.1342, 23.5282
Hunter-Lab	32.3812, 72.8869, -151.9978

Details

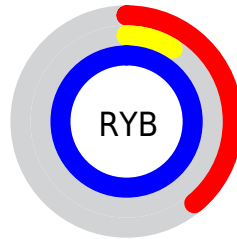
The XYZ color **23.5020, 10.4854, 95.3929** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **54.5005, 81.1632, 13.6037**, and the grayscale version is **6.0427, 6.3574, 6.9232**.

A 20% lighter version of the original color is **37.3945, 22.2519, 96.9319**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **21.6662, 9.0842, 95.2192**, and if you desaturate by 10%, it is **26.3500, 13.0977, 95.7471**.

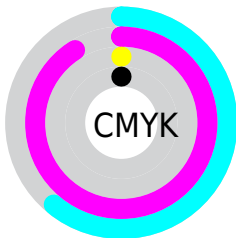
Distribution



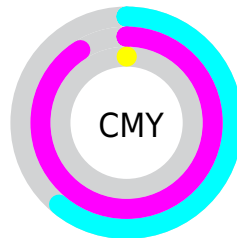
- Red (39%)
- Green (9%)
- Blue (100%)



- Red (39%)
- Yellow (9%)
- Blue (100%)



- Cyan (61%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (61%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5020, 10.4854, 95.3929 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 23.5020, 10.4854, 95.3929 by changing the saturation by 10% instead.


 23.5020, 10.4854,
95.3929


 23.5020, 10.4854,
95.3929


262.7804,
194.1022, 566.4385


 15.0873, 5.7220,
71.8633


 48.6769, 26.7046,
156.8075

 8.9674, 2.6768,
52.5609


 66.1679, 38.9291,
195.5297


 4.7769, 0.9654,
37.0670


 87.4150, 54.4094,
240.1531

 2.1504, 0.0000,
24.9632

 112.7837, 73.5300,
291.0964

 0.7164, 0.0000,
15.8309

 142.6392, 96.6751,
348.7780

 0.0000, 0.0000,
9.2515

 177.3469,

 0.0000, 0.0000,

124.2293, 413.6166

4.8065

217.2722,
156.5769, 486.0305

■ 0.0000, 0.0000,
2.0775

■ 0.0000, 0.0000,
0.6023

■ 23.5020, 10.4854,
95.3929

■ 23.5020, 10.4854,
95.3929

■ 21.6662, 9.0842,
95.2192

■ 26.3500, 13.0977,
95.7471

■ 30.2181, 17.1270,
96.3209

■ 35.2178, 22.7629,
97.1452

■ 41.4432, 30.1643,
98.2457

■ 48.9778, 39.4704,
99.6449

■ 57.8973, 50.8061,
101.3628

■ 68.2711, 64.2855,
103.4178

■ 80.1639, 80.0140,
105.8269

■ 93.6361, 98.0899,
108.6058

Harmonies

Analogous

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



12.5843, 10.4854, 139.8379



23.5020, 10.4854, 95.3929



33.1358, 10.4854, 36.8236

Triad

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



23.5020, 10.4854, 95.3929



16.8367, 10.4854, 0.0000



1.0881, 10.4854, 19.8342

Complementary

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



23.5020, 10.4854, 95.3929



54.5005, 81.1632, 13.6037

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.



1.3024, 10.4854, 1.6286



23.5020, 10.4854, 95.3929



7.7388, 10.4854, 0.0000

Square

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



23.5020, 10.4854, 95.3929



28.0369, 10.4854, 0.0000



2.9834, 10.4854, 0.0000



2.0294, 10.4854, 69.6953

Rectangle

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



23.5020, 10.4854, 95.3929



35.5654, 10.4854, 12.3870



2.9834, 10.4854, 0.0000



1.0469, 10.4854, 10.4987

Sweetspot

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



23.5027, 10.4855, 95.3929



61.8528, 55.9140, 102.1402



35.0350, 40.6657, 100.6105



12.5105, 11.0265, 21.7189



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.



23.5027, 10.4855, 95.3929



21.6662, 9.0842, 95.2192



45.6417, 21.8986, 96.4290



17.5635, 17.6667, 22.7343



11.4600, 4.8183, 49.7606



1.2252, 0.5255, 4.8501

Inverse Universe

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



49.6809, 25.1263, 44.8690



48.6335, 24.2174, 40.8635



38.1294, 72.7236, 12.8375



18.5247, 18.1932, 21.3802



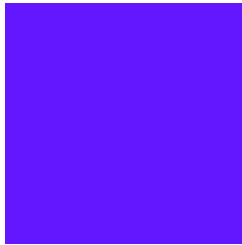
25.4838, 12.6828, 21.7298



2.5316, 1.2550, 2.3811

Previews

White Background



This preview shows how the XYZ color 23.5020, 10.4854, 95.3929 looks on a white background.

Color Contrast Check

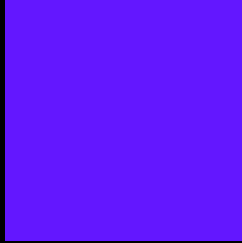
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5020, 10.4854, 95.3929 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 23.5020, 10.4854, 95.3929

Background



This preview shows how black text looks on a background with the XYZ color 23.5020, 10.4854, 95.3929.



This preview shows how white text looks on a background with the XYZ color 23.5020, 10.4854,

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

23.5020, 10.4854, 95.3929

Protanopia

12.1415, 10.4401, 46.7226

Tritanopia

7.5800, 10.4971, 16.0946

Trichromacy



Original Color

23.5020, 10.4854, 95.3929

Protanomaly

14.1938, 8.6950, 61.9030

Tritanomaly

9.9428, 7.9092, 35.1850

Monochromacy



Original Color

23.5020, 10.4854, 95.3929

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.4590, 6.2963, 25.1428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5020, 10.4854, 95.3929 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(99, 23, 255) looks like.

```
.text, #text, p{  
    color:rgb(99, 23, 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(99, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 23, 255) }
```

Border

The CSS property to change the border of an element to XYZ 23.5020, 10.4854, 95.3929 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(99, 23, 255) }
```

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

```
.border{ border-color:rgb(99, 23, 255) }
```

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

Here you see how a box with a 4 pixel rgb(99, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 23,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 23.5020, 10.4854, 95.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 23, 255) }
```

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

```
.background{ background-color: rgb(99, 23,  
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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