

Converting Colors

XYZ(26.3925, 23.8570, 97.8216)

Have a look what the booklet for
XYZ(26.3925, 23.8570, 97.8216)
contains.

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Color

**XYZ(26.3388, 23.7419,
97.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	0384FF
RGB	3, 132, 255
RGB Percent	1%, 52%, 100%
CMY	0.9879, 0.4824, 0.0000
CMYK	0.99, 0.48, 0.00, 0.00
HSL	209°, 100%, 51%
HSV	209°, 99%, 100%
XYZ	26.3388, 23.7419, 97.8022
YIQ	107.4510, -116.3670, 10.9050

Conversions

Conversions Part 2

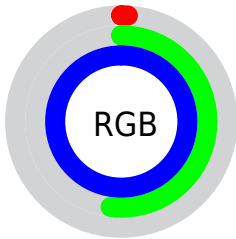
Format	Color
R _Y B	3, 88, 255
Decimal	230655
CIE Lab	55.83, 16.37, -69.13
CIE LCh	56, 71.042, 283.325
Yxy	23.7419, 0.1781, 0.1605
Android (android.graphics.Color)	4278420735 (0xFF0384FF)
YUV	107.4510, 72.7417, -91.6035
Hunter-Lab	48.7257, 11.2188, -84.8990

Details

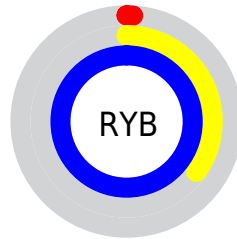
The XYZ color **26.3388, 23.7419, 97.8022** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **48.7270, 36.2071, 4.5087**, and the grayscale version is **13.9341, 14.6597, 15.9644**.

A 20% lighter version of the original color is **42.0005, 45.0117, 101.0822**, and **13.2484, 10.3719, 54.1270** is the 20% darker color. If you saturate the color by 10%, you get **26.0993, 23.3186, 97.7331**, and if you desaturate by 10%, it is **28.5864, 27.5583, 98.4204**.

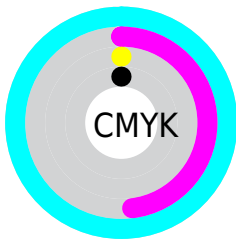
Distribution



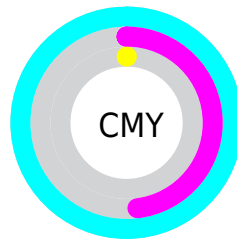
- Red (1%)
- Green (52%)
- Blue (100%)



- Red (1%)
- Yellow (35%)
- Blue (100%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3388, 23.7419, 97.8022 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 26.3388, 23.7419, 97.8022 by changing the saturation by 10% instead.


 26.3388, 23.7419,
97.8022


 26.3388, 23.7419,
97.8022


276.6676,
271.5130, 574.3095


 17.2113, 15.1423,
73.8597


 53.2484, 49.6087,
160.1590

 10.4815, 8.9193,
54.1831


 71.7612, 67.6446,
199.4105


 5.7840, 4.6886,
38.3539


 94.1332, 89.5948,
244.6020

 2.7536, 2.0657,
25.9535

 120.7297,
115.8436, 296.1521

 1.0249, 0.6452,
16.5634

 151.9160,
146.7755, 354.4794

 0.0000, 0.0000,
9.7651

188.0575,

 0.0000, 0.0000,

182.7747, 420.0023

5.1399

229.5196,
224.2258, 493.1395

■ 0.0000, 0.0000,
2.2694

■ 0.0000, 0.0000,
0.7140

■ 26.3388, 23.7419,
97.8022

■ 26.3388, 23.7419,
97.8022

■ 26.0993, 23.3186,
97.7331

■ 28.5864, 27.5583,
98.4204

■ 31.6154, 32.0866,
99.1348

■ 35.5756, 37.4135,
99.9542

■ 40.5715, 43.6020,
100.8854

■ 46.6917, 50.7065,
101.9342

■ 54.0149, 58.7759,
103.1057

■ 62.6116, 67.8549,
104.4051

■ 72.5470, 77.9846,
105.8366

■ 83.8811, 89.2038,
107.4048

Harmonies

Analogous

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



18.3957, 23.7419, 96.1769



26.3388, 23.7419, 97.8022



34.9904, 23.7419, 73.5992

Triad

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



26.3388, 23.7419, 97.8022



35.8578, 23.7419, 5.7644



10.7166, 23.7419, 15.0714

Complementary

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



26.3388, 23.7419, 97.8022



48.7270, 36.2071, 4.5087

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.



13.4976, 23.7419, 5.1142



26.3388, 23.7419, 97.8022



27.3232, 23.7419, 2.3631

Square

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



26.3388, 23.7419, 97.8022



41.3079, 23.7419, 16.8934



19.1718, 23.7419, 2.2292



10.5741, 23.7419, 37.5196

Rectangle

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



26.3388, 23.7419, 97.8022



39.4871, 23.7419, 51.4076



19.1718, 23.7419, 2.2292



11.3369, 23.7419, 10.5808

Sweetspot

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



26.3398, 23.7425, 97.8022



61.5058, 66.7057, 104.2415



39.4898, 73.0164, 31.3601



12.3692, 13.4428, 22.1927



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.



26.3398, 23.7425, 97.8022



26.0993, 23.3186, 97.7331



18.1674, 7.3977, 95.0781



17.7717, 18.9150, 22.9642



13.7875, 12.4846, 51.1177



1.4518, 1.4343, 5.0136

Inverse Universe

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



45.4383, 22.9927, 23.8731



45.3029, 22.8852, 23.3250



75.6920, 90.1370, 13.4970



18.3974, 18.1423, 20.7099



23.7475, 11.9883, 12.5867



2.3674, 1.1893, 1.5162

Previews

White Background



This preview shows how the XYZ color 26.3388, 23.7419, 97.8022 looks on a white background.

Color Contrast Check

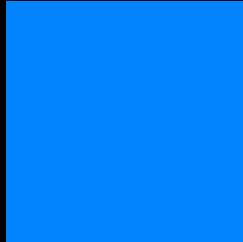
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3388, 23.7419, 97.8022 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

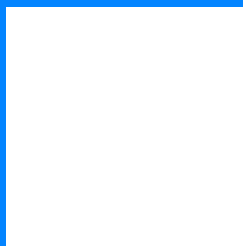
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3388, 23.7419, 97.8022

Background



This preview shows how black text looks on a background with the XYZ color 26.3388, 23.7419, 97.8022.



This preview shows how white text looks on a background with the XYZ color 26.3388, 23.7419,

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

26.3388, 23.7419, 97.8022

Protanopia

27.6009, 23.8526, 95.2447

Deuteranopia

24.0902, 23.7227, 83.4300



Tritanopia

16.6757, 23.6141, 35.5774

Trichromacy



Original Color

26.3388, 23.7419, 97.8022

Protanomaly

26.6671, 23.5494, 96.0685

Deuteranomaly

25.0056, 23.8661, 88.8766

Tritanomaly

19.3112, 23.2027, 53.9128

Monochromacy



Original Color

26.3388, 23.7419, 97.8022

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.1327, 16.3292, 36.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3388, 23.7419, 97.8022 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(3, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 132, 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(3, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 132, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3388, 23.7419, 97.8022 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(3, 132, 255) }
```


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

```
.border{ border-color:rgb(3, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 132,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3388, 23.7419, 97.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 132, 255) }
```

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

```
.background{ background-color: rgb(3, 132,  
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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