

Converting Colors

XYZ(29.1038, 23.0684, 97.5265)

Have a look what the booklet for
XYZ(29.1038, 23.0684, 97.5265)
contains.

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Color

**XYZ(29.1038, 23.0684,
97.5265)**

Conversions

Conversions Part 1

Format	Color
Hex	5A79FF
RGB	90, 121, 255
RGB Percent	35%, 47%, 100%
CMY	0.6470, 0.5255, 0.0000
CMYK	0.65, 0.53, 0.00, 0.00
HSL	229°, 100%, 68%
HSV	229°, 65%, 100%
XYZ	29.1038, 23.0684, 97.5265
YIQ	127.0070, -61.4900, 35.1020

Conversions

Conversions Part 2

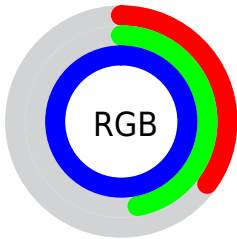
Format	Color
R _Y B	90, 116, 255
Decimal	5929471
CIE Lab	55.14, 30.36, -70.13
CIE LCh	55, 76.419, 293.407
Yxy	23.0684, 0.1944, 0.1541
Android (android.graphics.Color)	4284119551 (0xFF5A79FF)
YUV	127.0070, 63.1005, -32.4551
Hunter-Lab	48.0296, 24.1114, -86.7707

Details

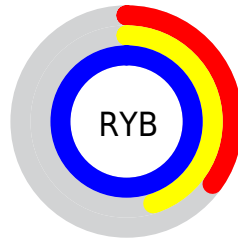
The XYZ color **29.1038, 23.0684, 97.5265** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **69.7438, 75.3142, 20.5361**, and the grayscale version is **19.9819, 21.0225, 22.8935**.

A 20% lighter version of the original color is **46.5111, 44.0757, 100.6638**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **24.7827, 17.4973, 96.6789**, and if you desaturate by 10%, it is **34.8174, 30.1595, 98.5940**.

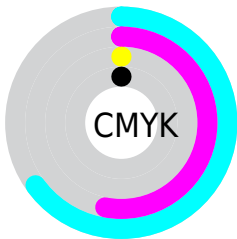
Distribution



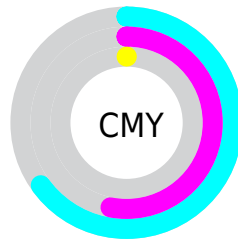
- Red (35%)
- Green (47%)
- Blue (100%)



- Red (35%)
- Yellow (45%)
- Blue (100%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1038, 23.0684, 97.5265 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 29.1038, 23.0684, 97.5265 by changing the saturation by 10% instead.

■ 29.1038, 23.0684,
97.5265

■ 29.1038, 23.0684,
97.5265

289.6898,
268.0761, 573.4117

■ 19.3040, 14.6440,
73.6311

■ 57.6384, 48.5056,
159.7760

■ 11.9955, 8.5699,
53.9972

■ 77.1039, 66.2872,
198.9671

■ 6.8128, 4.4617,
38.2063

■ 100.5221, 87.9567,
244.0939

■ 3.3906, 1.9351,
25.8397

■ 128.2582,
113.8985, 295.5749

■ 1.3635, 0.5693,
16.4791

160.6777,
144.4969, 353.8286

■ 0.2300, 0.0000,
9.7058

198.1459,

■ 0.0000, 0.0000,

180.1364, 419.2737

5.1013

241.0281,
221.2013, 492.3285

■ 0.0000, 0.0000,
2.2470

■ 0.0000, 0.0000,
0.7013

■ 29.1038, 23.0684,
97.5265

■ 29.1038, 23.0684,
97.5265

■ 24.7827, 17.4973,
96.6789

■ 34.8174, 30.1595,
98.5940

■ 21.7251, 13.3276,
96.0352

■ 42.0307, 38.8727,
99.8957

■ 19.7809, 10.4241,
95.5772

■ 50.8434, 49.3032,
101.4445

■ 19.1028, 9.3256,
95.4009

■ 61.3457, 61.5379,
103.2525

■ 73.6209, 75.6580,
105.3310

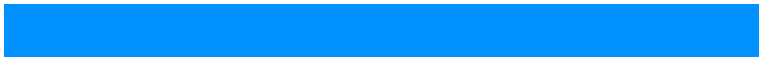
■ 87.7468, 91.7394,
107.6905

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



20.0972, 23.0684, 106.5697



29.1038, 23.0684, 97.5265



37.8959, 23.0684, 64.7834

Triad

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



29.1038, 23.0684, 97.5265



33.2211, 23.0684, 3.1357



9.3406, 23.0684, 20.1040

Complementary

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



29.1038, 23.0684, 97.5265



69.7438, 75.3142, 20.5361

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.



11.2224, 23.0684, 6.2390



29.1038, 23.0684, 97.5265



23.8622, 23.0684, 1.3903

Square

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



29.1038, 23.0684, 97.5265



40.6716, 23.0684, 10.7027



16.0372, 23.0684, 1.9728



10.0607, 23.0684, 48.7642

Rectangle

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



29.1038, 23.0684, 97.5265



41.6860, 23.0684, 41.0503



16.0372, 23.0684, 1.9728



9.6695, 23.0684, 13.9551

Sweetspot

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



29.1048, 23.0690, 97.5265



68.1231, 69.3536, 104.4039



53.1624, 78.9681, 81.5489



13.8378, 13.9888, 22.2207



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.



29.1048, 23.0690, 97.5265



23.6414, 15.9735, 96.4449



32.4391, 20.0665, 96.7712



17.2790, 17.9297, 22.8000



10.0601, 5.0298, 49.8752



1.0495, 0.6297, 4.8795

Inverse Universe

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



48.3482, 29.9544, 21.3229



44.6553, 24.8966, 12.9152



62.9216, 85.3091, 22.8249



18.1487, 18.0428, 19.4004



21.8661, 11.2357, 2.6792



2.1643, 1.1081, 0.4468

Previews

White Background



This preview shows how the XYZ color 29.1038, 23.0684, 97.5265 looks on a white background.

Color Contrast Check

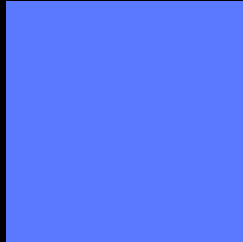
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1038, 23.0684, 97.5265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

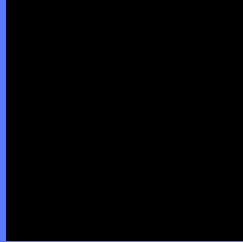
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1038, 23.0684, 97.5265

Background



This preview shows how black text looks on a background with the XYZ color 29.1038, 23.0684, 97.5265.



This preview shows how white text looks on a background with the XYZ color 29.1038, 23.0684,

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

29.1038, 23.0684, 97.5265

Protanopia

27.1607, 23.1830, 97.6510

Deuteranopia

23.3764, 22.9907, 81.0475



Tritanopia

16.5879, 22.8793, 35.4402

Trichromacy



Original Color

29.1038, 23.0684, 97.5265

Protanomaly

27.6984, 23.0805, 97.6029

Deuteranomaly

24.5045, 22.4347, 87.0432

Tritanomaly

19.6487, 22.0870, 53.6797

Monochromacy



Original Color

29.1038, 23.0684, 97.5265

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9130, 21.3006, 43.0009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1038, 23.0684, 97.5265 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(90, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 121, 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(90, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.1038, 23.0684, 97.5265 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(90, 121, 255) }
```


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

```
.border{ border-color:rgb(90, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1038, 23.0684, 97.5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 121, 255) }
```

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

```
.background{ background-color: rgb(90, 121,  
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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