

Converting Colors

XYZ(27.4731, 23.0957, 93.4644)

Have a look what the booklet for
XYZ(27.4731, 23.0957, 93.4644)
contains.

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Color

**XYZ(27.4130, 23.0252,
93.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7DFA
RGB	74, 125, 250
RGB Percent	29%, 49%, 98%
CMY	0.7098, 0.5098, 0.0196
CMYK	0.70, 0.50, 0.00, 0.02
HSL	223°, 95%, 64%
HSV	223°, 70%, 98%
XYZ	27.4130, 23.0252, 93.4420
YIQ	124.0010, -70.5210, 28.0630

Conversions

Conversions Part 2

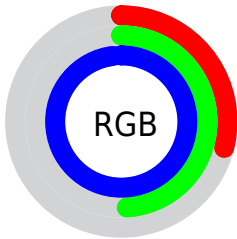
Format	Color
RYB	74, 114, 250
Decimal	4881914
CIELab	55.10, 23.89, -67.48
CIELCh	55, 71.582, 289.499
Yxy	23.0252, 0.1905, 0.1600
Android (android.graphics.Color)	4283071994 (0xFF4A7DFA)
YUV	124.0010, 62.1175, -43.8509
Hunter-Lab	47.9846, 18.0018, -81.8682

Details

The XYZ color **27.4130, 23.0252, 93.4420** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **61.0873, 61.6711, 15.1648**, and the grayscale version is **18.9765, 19.9648, 21.7417**.

A 20% lighter version of the original color is **44.7566, 44.3270, 100.8048**, and **12.2795, 9.1580, 51.5725** is the 20% darker color. If you saturate the color by 10%, you get **23.8058, 18.1217, 92.6862**, and if you desaturate by 10%, it is **32.1884, 29.1277, 94.3688**.

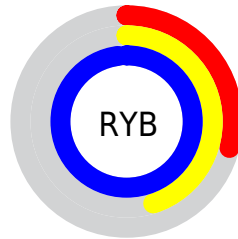
Distribution



Red (29%)

Green (49%)

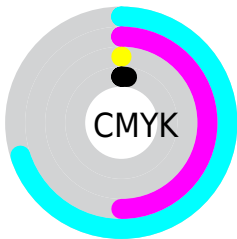
Blue (98%)



Red (29%)

Yellow (45%)

Blue (98%)

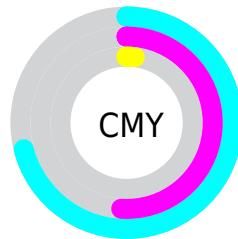


Cyan (70%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4130, 23.0252, 93.4420 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 27.4130, 23.0252, 93.4420 by changing the saturation by 10% instead.

■ 27.4130, 23.0252,
93.4420

■ 27.4130, 23.0252,
93.4420

281.7825,
267.8544, 560.0215

■ 18.0218, 14.6121,
70.2492

■ 54.9611, 48.4347,
154.0874

■ 11.0654, 8.5476,
51.2517

■ 73.8488, 66.1999,
192.3771

■ 6.1785, 4.4473,
36.0308

■ 96.6326, 87.8513,
236.5362

■ 2.9956, 1.9268,
24.1681

■ 123.6781,
113.7732, 286.9832

■ 1.1514, 0.5644,
15.2450

155.3504,
144.3501, 344.1368

■ 0.0675, 0.0000,
8.8430

192.0150,

■ 0.0000, 0.0000,

179.9663, 408.4153

4.5435

234.0373,
221.0063, 480.2373

■ 0.0000, 0.0000,
1.9280

■ 0.0000, 0.0000,
0.5105

■ 27.4130, 23.0252,
93.4420

■ 27.4130, 23.0252,
93.4420

■ 23.8058, 18.1217,
92.6862

■ 32.1884, 29.1277,
94.3688

■ 21.2454, 14.3225,
92.0878

■ 38.2295, 36.5085,
95.4750

■ 19.6008, 11.5929,
91.6477

■ 45.6265, 45.2417,
96.7708

■ 54.4600, 55.3948,
98.2650

■ 64.8041, 67.0303,
99.9657

■ 76.7276, 80.2071,
101.8806

■ 90.2949, 94.9804,
104.0171

■ 94.2554, 99.6822,
104.7159

Harmonies

Analogous

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



19.2071, 23.0252, 97.7947



27.4130, 23.0252, 93.4420



35.7395, 23.0252, 65.7801

Triad

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



27.4130, 23.0252, 93.4420



33.4319, 23.0252, 4.3084



10.0041, 23.0252, 17.8876

Complementary

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



27.4130, 23.0252, 93.4420



61.0873, 61.6711, 15.1648

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.



12.1723, 23.0252, 5.9967



27.4130, 23.0252, 93.4420



24.8004, 23.0252, 1.9359

Square

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



27.4130, 23.0252, 93.4420



39.7572, 23.0252, 13.0825



17.1547, 23.0252, 2.2776



10.3782, 23.0252, 42.7734

Rectangle

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



27.4130, 23.0252, 93.4420



39.6208, 23.0252, 43.8126



17.1547, 23.0252, 2.2776



10.4341, 23.0252, 12.6201

Sweetspot

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



27.4141, 23.0259, 93.4426



67.0623, 69.3076, 104.4509



47.1122, 73.8686, 64.7210



13.6853, 14.0865, 22.2476



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.



27.4141, 23.0259, 93.4426



23.7928, 17.3599, 96.7045



26.0375, 15.0659, 91.9787



16.6927, 17.4622, 21.8760



10.5034, 6.3624, 48.6480



1.0597, 0.7630, 4.5346

Inverse Universe

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



45.5759, 26.7040, 22.1545



44.4672, 23.8085, 15.0468



63.3888, 83.2835, 19.2151



17.4514, 17.3079, 18.9669



21.5937, 11.0532, 4.5686



2.0438, 1.0413, 0.6541

Previews

White Background



This preview shows how the XYZ color 27.4130, 23.0252, 93.4420 looks on a white background.

Color Contrast Check

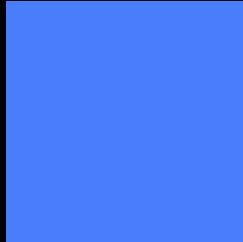
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4130, 23.0252, 93.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

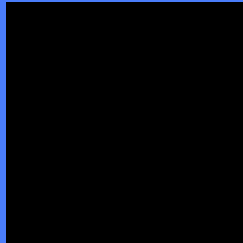
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

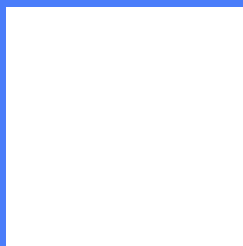
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4130, 23.0252, 93.4420

Background



This preview shows how black text looks on a background with the XYZ color 27.4130, 23.0252, 93.4420.



This preview shows how white text looks on a background with the XYZ color 27.4130, 23.0252,

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

27.4130, 23.0252, 93.4420

Protanopia

26.9637, 23.1368, 95.1402

Deuteranopia

23.3764, 22.9907, 81.0475



Tritanopia

16.3647, 22.9921, 35.4737

Trichromacy



Original Color

27.4130, 23.0252, 93.4420

Protanomaly

26.9878, 22.9767, 94.2793

Deuteranomaly

24.2965, 22.7569, 85.5500

Tritanomaly

18.9444, 22.1716, 52.5713

Monochromacy



Original Color

27.4130, 23.0252, 93.4420

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4072, 20.3818, 40.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4130, 23.0252, 93.4420 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(74, 125, 250)` looks like.

```
.text, #text, p{  
    color:rgb(74, 125, 250)  
}
```

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(74, 125, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.4130, 23.0252, 93.4420 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(74, 125, 250) }
```


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

```
.border{ border-color:rgb(74, 125, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 125, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 250);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4130, 23.0252, 93.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 250) }
```

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

```
.background{ background-color: rgb(74, 125,  
250) }
```

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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