

Converting Colors

XYZ(28.6114, 24.1972, 94.4293)

Have a look what the booklet for
XYZ(28.6114, 24.1972, 94.4293)
contains.

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Color

**XYZ(28.6114, 24.1972,
94.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	5280FB
RGB	82, 128, 251
RGB Percent	32%, 50%, 98%
CMY	0.6784, 0.4980, 0.0157
CMYK	0.67, 0.49, 0.00, 0.02
HSL	224°, 95%, 65%
HSV	224°, 67%, 98%
XYZ	28.6114, 24.1972, 94.4293
YIQ	128.2680, -66.8990, 28.5010

Conversions

Conversions Part 2

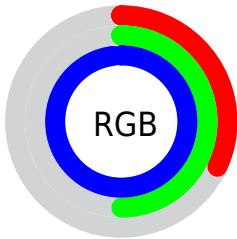
Format	Color
R _Y B	82, 118, 251
Decimal	5406971
CIE Lab	56.28, 23.52, -66.10
CIE LCh	56, 70.160, 289.591
Yxy	24.1972, 0.1943, 0.1643
Android (android.graphics.Color)	4283597051 (0xFF5280FB)
YUV	128.2680, 60.5069, -40.5770
Hunter-Lab	49.1906, 17.7396, -79.3832

Details

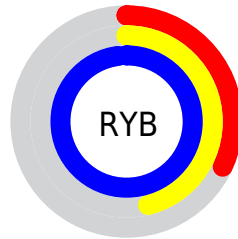
The XYZ color **28.6114, 24.1972, 94.4293** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **63.1409, 64.7860, 17.1617**, and the grayscale version is **20.4253, 21.4890, 23.4015**.

A 20% lighter version of the original color is **46.4039, 46.0656, 101.0535**, and **12.6063, 9.6324, 52.2337** is the 20% darker color. If you saturate the color by 10%, you get **24.6419, 18.9263, 93.6217**, and if you desaturate by 10%, it is **33.8099, 30.7388, 95.4185**.

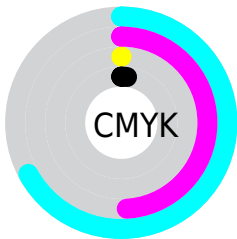
Distribution



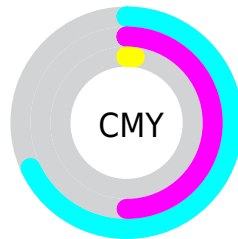
- Red (32%)
- Green (50%)
- Blue (98%)



- Red (32%)
- Yellow (46%)
- Blue (98%)



- Cyan (67%)
- Magenta (49%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (50%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6114, 24.1972, 94.4293 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 28.6114, 24.1972, 94.4293 by changing the saturation by 10% instead.

■ 28.6114, 24.1972,
94.4293

■ 28.6114, 24.1972,
94.4293

287.4044,
273.8159, 563.2739

■ 18.9298, 15.4800,
71.0658

■ 56.8609, 50.3518,
155.4647

■ 11.7233, 9.1569,
51.9137

■ 76.1597, 68.5580,
193.9737

■ 6.6264, 4.8437,
36.5546

■ 99.3948, 90.6959,
238.3683

■ 3.2738, 2.1558,
24.5697

■ 126.9317,
117.1500, 289.0670

■ 1.3002, 0.6958,
15.5407

159.1358,
148.3047, 346.4884

■ 0.1833, 0.0000,
9.0489

196.3723,

■ 0.0000, 0.0000,

184.5443, 411.0510

4.6758

239.0068,
226.2532, 483.1733

■ 0.0000, 0.0000,
2.0030

■ 0.0000, 0.0000,
0.5571

■ 28.6114, 24.1972,
94.4293

■ 28.6114, 24.1972,
94.4293

■ 24.6419, 18.9263,
93.6217

■ 33.8099, 30.7388,
95.4185

■ 21.7832, 14.8306,
92.9818

■ 40.3334, 38.6318,
96.5982

■ 19.8920, 11.7989,
92.4963

■ 48.2718, 47.9522,
97.9788

■ 19.4986, 11.1369,
92.3893

■ 57.7057, 58.7694,
99.5695

■ 68.7096, 71.1480,
101.3789

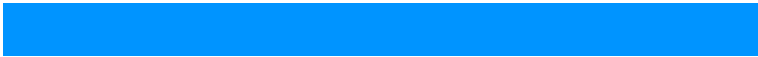
■ 81.3525, 85.1485,
103.4149

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



20.3043, 24.1972, 98.8131



28.6114, 24.1972, 94.4293



36.9731, 24.1972, 66.9966

Triad

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



28.6114, 24.1972, 94.4293



34.6118, 24.1972, 4.9140



10.8523, 24.1972, 19.0974

Complementary

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



28.6114, 24.1972, 94.4293



63.1409, 64.7860, 17.1617

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.



13.0811, 24.1972, 6.7483



28.6114, 24.1972, 94.4293



25.9215, 24.1972, 2.3423

Square

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



28.6114, 24.1972, 94.4293



40.9606, 24.1972, 14.0661



18.1727, 24.1972, 2.7291



11.2472, 24.1972, 44.2595

Rectangle

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



28.6114, 24.1972, 94.4293



40.8493, 24.1972, 45.1085



18.1727, 24.1972, 2.7291



11.2943, 24.1972, 13.6769

Sweetspot

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



28.6125, 24.1979, 94.4299



67.9920, 70.1378, 104.5621



48.7717, 75.1066, 68.5014



13.8574, 14.2309, 22.2664



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.



28.6125, 24.1979, 94.4299



24.3075, 17.8939, 96.7805



27.9871, 16.8966, 93.0536



16.6674, 17.4116, 21.8676



10.3522, 6.0599, 48.5976



1.0429, 0.7294, 4.5290

Inverse Universe

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



46.6983, 28.1040, 23.3857



44.8479, 24.4239, 15.6244



63.8651, 83.9584, 20.8242



17.4386, 17.3028, 18.8996



21.5173, 11.0226, 4.1666



2.0353, 1.0379, 0.6093

Previews

White Background



This preview shows how the XYZ color 28.6114, 24.1972, 94.4293 looks on a white background.

Color Contrast Check

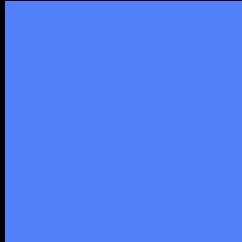
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6114, 24.1972, 94.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

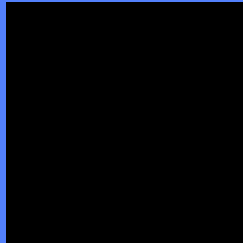
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6114, 24.1972, 94.4293

Background



This preview shows how black text looks on a background with the XYZ color 28.6114, 24.1972, 94.4293.



This preview shows how white text looks on a background with the XYZ color 28.6114, 24.1972,

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

28.6114, 24.1972, 94.4293

Protanopia

28.0270, 24.2504, 96.1321

Deuteranopia

24.8228, 24.2422, 86.5900



Tritanopia

17.1805, 24.0681, 37.4583

Trichromacy



Original Color

28.6114, 24.1972, 94.4293

Protanomaly

28.0934, 24.1065, 95.2678

Deuteranomaly

25.5419, 23.9188, 89.6568

Tritanomaly

19.7979, 23.2208, 54.4775

Monochromacy



Original Color

28.6114, 24.1972, 94.4293

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8175, 21.8350, 42.5998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6114, 24.1972, 94.4293 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(82, 128, 251)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 251)  
}
```

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(82, 128, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 251) }
```

Border

The CSS property to change the border of an element to XYZ 28.6114, 24.1972, 94.4293 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(82, 128, 251) }
```


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

```
.border{ border-color:rgb(82, 128, 251) }
```

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

Here you see how a box with a 4 pixel rgb(82, 128, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 251);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6114, 24.1972, 94.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 251) }
```

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

```
.background{ background-color: rgb(82, 128,  
251) }
```

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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