

Converting Colors

XYZ(48.4199, 48.1594, 94.7394)

Have a look what the booklet for
XYZ(48.4199, 48.1594, 94.7394)
contains.

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Color

**XYZ(48.4199, 48.1594,
94.7394)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B7F7
RGB	161, 183, 247
RGB Percent	63%, 72%, 97%
CMY	0.3686, 0.2823, 0.0314
CMYK	0.35, 0.26, 0.00, 0.03
HSL	225°, 84%, 80%
HSV	225°, 35%, 97%
XYZ	48.4199, 48.1594, 94.7394
YIQ	183.7180, -33.6560, 15.2400

Conversions

Conversions Part 2

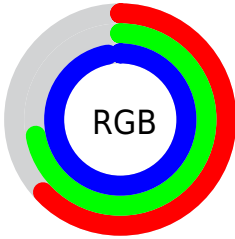
Format	Color
R _Y B	161, 179, 247
Decimal	10598391
CIE Lab	74.93, 7.41, -34.17
CIE LCh	75, 34.962, 282.237
Yxy	48.1594, 0.2531, 0.2517
Android (android.graphics.Color)	4288788471 (0xFFA1B7F7)
YUV	183.7180, 31.1980, -19.9237
Hunter-Lab	69.3970, 3.0989, -32.3637

Details

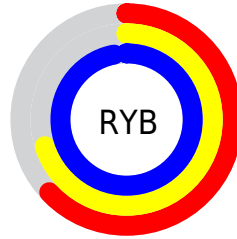
The XYZ color **48.4199, 48.1594, 94.7394** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7171, 76.1989, 44.6479**, and the grayscale version is **45.2525, 47.6092, 51.8464**.

A 20% lighter version of the original color is **77.8299, 83.8584, 106.6920**, and **23.2208, 22.7471, 51.8820** is the 20% darker color. If you saturate the color by 10%, you get **40.3784, 38.7492, 93.3477**, and if you desaturate by 10%, it is **57.9429, 59.0704, 96.3444**.

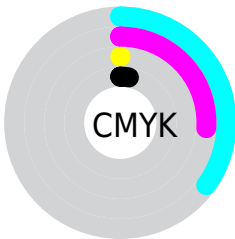
Distribution



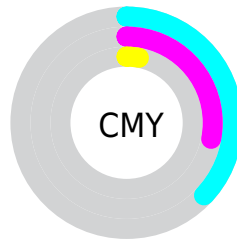
- Red (63%)
- Green (72%)
- Blue (97%)



- Red (63%)
- Yellow (70%)
- Blue (97%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4199, 48.1594, 94.7394 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 48.4199, 48.1594, 94.7394 by changing the saturation by 10% instead.

■ 48.4199, 48.1594,
94.7394

■ 48.4199, 48.1594,
94.7394

371.0091,
379.4236, 564.2934

■ 34.3722, 33.9531,
71.3224

■ 87.0352, 87.4417,
155.8970

■ 23.3439, 22.8576,
52.1219

■ 112.3334,
113.2865, 194.4747

■ 14.9697, 14.4884,
36.7193

142.1126,
143.7796, 238.9430

■ 8.8843, 8.4611,
24.6962

176.7380,
179.3054, 289.7206

■ 4.7223, 4.3914,
15.6339

216.5750,
220.2483, 347.2258

■ 2.1183, 1.8948,
9.1139

261.9889,

■ 0.6992, 0.5453,

266.9928, 411.8774

4.7177

313.3451,
319.9230, 484.0937

■ 0.0000, 0.0000,
2.0268

■ 0.0000, 0.0000,
0.5717

■ 48.4199, 48.1594,
94.7394

■ 48.4199, 48.1594,
94.7394

■ 40.3784, 38.7492,
93.3477

■ 57.9429, 59.0704,
96.3444

■ 33.7364, 30.7662,
92.1569

■ 69.0140, 71.5402,
98.1678

■ 28.4109, 24.1387,
91.1584

■ 81.7015, 85.6304,
100.2187

■ 24.3078, 18.7857,
90.3414

■ 93.7887, 99.4955,
102.2579

■ 21.3191, 14.6168,
89.6943

■ 19.3156, 11.5272,
89.2035

■ 18.5766, 10.2912,
89.0039

Harmonies

Analogous

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



42.1375, 48.1594, 93.4466



48.4199, 48.1594, 94.7394



54.5122, 48.1594, 82.9372

Triad

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



48.4199, 48.1594, 94.7394



55.4559, 48.1594, 32.2132



35.0710, 48.1594, 42.4457

Complementary

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



48.4199, 48.1594, 94.7394



71.7171, 76.1989, 44.6479

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.



38.0235, 48.1594, 30.5154



48.4199, 48.1594, 94.7394



49.6140, 48.1594, 25.6202

Square

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



48.4199, 48.1594, 94.7394



58.8199, 48.1594, 45.3474



43.2264, 48.1594, 25.0809



34.8156, 48.1594, 60.2304

Rectangle

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



48.4199, 48.1594, 94.7394



57.4921, 48.1594, 70.5365



43.2264, 48.1594, 25.0809



35.7673, 48.1594, 37.7338

Sweetspot

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



48.4215, 48.1613, 94.7405



80.5251, 83.9647, 106.5704



61.4236, 79.4852, 82.6745



16.8296, 17.5203, 22.7447



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.



48.4215, 48.1613, 94.7405



45.6327, 44.2826, 100.7500



48.6066, 42.0387, 93.5490



15.9257, 16.6157, 20.9103



9.9204, 5.6345, 47.1027



0.9512, 0.6539, 4.1663

Inverse Universe

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



59.6513, 48.6844, 51.0546



59.5814, 45.5153, 46.3561



71.3525, 85.4159, 46.4462



16.6731, 16.5521, 18.0250



20.8119, 10.6682, 3.7177



1.8692, 0.9536, 0.5376

Previews

White Background



This preview shows how the XYZ color 48.4199, 48.1594, 94.7394 looks on a white background.

Color Contrast Check

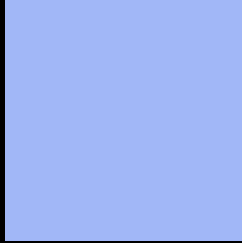
Large Text (above 18pt) WCAG AA × Fail

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 48.4199, 48.1594, 94.7394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

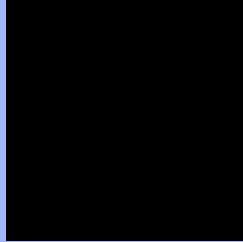
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4199, 48.1594, 94.7394

Background



This preview shows how black text looks on a background with the XYZ color 48.4199, 48.1594, 94.7394.



This preview shows how white text looks on a background with the XYZ color 48.4199, 48.1594,

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

48.4199, 48.1594, 94.7394

Protanopia

49.0884, 48.2167, 93.9083

Deuteranopia

49.2487, 47.9786, 94.6608



Tritanopia

42.7203, 48.3932, 65.4817

Trichromacy



Original Color

48.4199, 48.1594, 94.7394

Protanomaly

48.6723, 48.0022, 93.8888

Deuteranomaly

49.0335, 48.1706, 94.7092

Tritanomaly

44.5519, 48.1555, 75.3534

Monochromacy



Original Color

48.4199, 48.1594, 94.7394

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.3075, 48.0161, 65.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4199, 48.1594, 94.7394 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(161, 183, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 183, 247)  
}
```

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(161, 183, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 183, 247) }
```

Border

The CSS property to change the border of an element to XYZ 48.4199, 48.1594, 94.7394 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(161, 183, 247) }
```


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

```
.border{ border-color:rgb(161, 183, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 183, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 183, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 183, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 183,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4199, 48.1594, 94.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 183, 247) }
```

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

```
.background{ background-color: rgb(161,  
183, 247) }
```

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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