

Converting Colors

XYZ(47.1414, 54.6899, 98.4319)

Have a look what the booklet for
XYZ(47.1414, 54.6899, 98.4319)
contains.

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Color

**XYZ(47.1127, 54.7023,
98.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	7ACDFA
RGB	122, 205, 250
RGB Percent	48%, 80%, 98%
CMY	0.5215, 0.1961, 0.0196
CMYK	0.51, 0.18, 0.00, 0.02
HSL	201°, 93%, 73%
HSV	201°, 51%, 98%
XYZ	47.1127, 54.7023, 98.5180
YIQ	185.3130, -63.9130, -3.6010

Conversions

Conversions Part 2

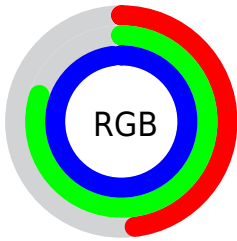
Format	Color
RYB	122, 172, 250
Decimal	8048122
CIELab	78.87, -13.22, -29.87
CIElCh	79, 32.666, 246.134
Yxy	54.7023, 0.2352, 0.2731
Android (android.graphics.Color)	4286238202 (0xFF7ACDFA)
YUV	185.3130, 31.8907, -55.5255
Hunter-Lab	73.9610, -15.7284, -27.2031

Details

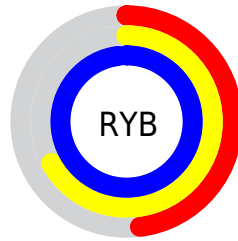
The XYZ color **47.1127, 54.7023, 98.5180** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.7576, 49.3686, 24.9521**, and the grayscale version is **46.1434, 48.5465, 52.8671**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **22.5557, 26.9441, 54.4640** is the 20% darker color. If you saturate the color by 10%, you get **41.9742, 49.0204, 97.6931**, and if you desaturate by 10%, it is **53.2833, 61.0938, 99.4275**.

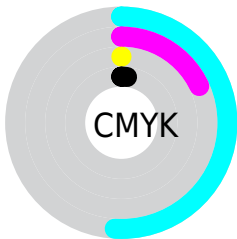
Distribution



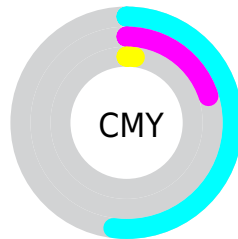
- Red (48%)
- Green (80%)
- Blue (98%)



- Red (48%)
- Yellow (67%)
- Blue (98%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (52%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1127, 54.7023, 98.5180 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 47.1127, 54.7023, 98.5180 by changing the saturation by 10% instead.

47.1127, 54.7023,
98.5180

47.1127, 54.7023,
98.5180

365.9056,
404.7825, 576.6368

33.3331, 39.1634,
74.4535

85.0995, 97.1046,
161.1532

22.5422, 26.8869,
54.6662

110.0375,
124.7369, 200.5609

14.3747, 17.4883,
38.7378

139.4256,
157.1691, 245.9200

8.4651, 10.5832,
26.2495

173.6291,
194.7855, 297.6492

4.4483, 5.7873,
16.7830

213.0136,
237.9707, 356.1669

1.9587, 2.7162,
9.9196

257.9442,

0.6106, 0.9854,

287.1090, 421.8917

5.2407

308.7865,
342.5848, 495.2422

■ 0.0000, 0.0000,
2.3280

■ 0.0000, 0.0000,
0.7468

■ 47.1127, 54.7023,
98.5180

■ 47.1127, 54.7023,
98.5180

■ 41.9742, 49.0204,
97.6931

■ 53.2833, 61.0938,
99.4275

■ 37.7890, 44.0013,
96.9449

■ 60.5462, 68.2255,
100.4212

■ 34.4753, 39.6010,
96.2702

■ 68.9629, 76.1328,
101.5039

■ 31.9325, 35.7648,
95.6638

■ 78.5889, 84.8470,
102.6786

■ 30.1953, 32.7817,
95.1796

■ 89.4755, 94.3972,
103.9481

■ 94.2555, 99.6822,
104.7163

Harmonies

Analogous

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



42.5649, 54.7023, 83.1793



47.1127, 54.7023, 98.5180



53.3357, 54.7023, 102.5537

Triad

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



47.1127, 54.7023, 98.5180



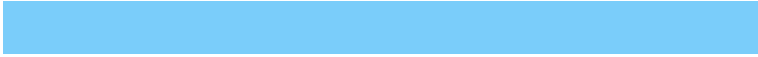
65.3918, 54.7023, 55.8293



44.9861, 54.7023, 35.1395

Complementary

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



47.1127, 54.7023, 98.5180



56.7576, 49.3686, 24.9521

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.



50.6728, 54.7023, 30.6598



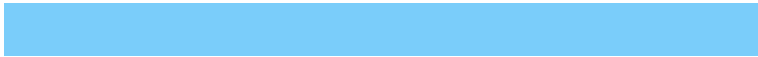
47.1127, 54.7023, 98.5180



62.7195, 54.7023, 40.8997

Square

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



47.1127, 54.7023, 98.5180



64.2403, 54.7023, 75.1977



57.1990, 54.7023, 32.5250



41.4103, 54.7023, 46.2586

Rectangle

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



47.1127, 54.7023, 98.5180



57.6766, 54.7023, 97.6855



57.1990, 54.7023, 32.5250



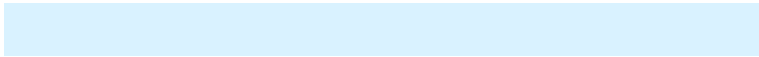
46.6954, 54.7023, 32.9254

Sweetspot

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



47.1145, 54.7043, 98.5193



78.2102, 85.1718, 106.9254



49.1699, 75.2928, 48.4060



16.2847, 17.8181, 22.8309



0.0000, 0.0000, 0.0000



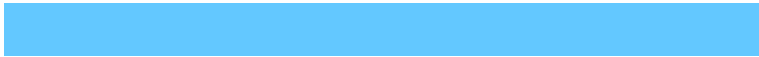
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1145, 54.7043, 98.5193



43.9721, 51.3524, 102.2022



34.8377, 30.1507, 94.4270



17.2223, 18.5214, 22.0526



16.1566, 17.6688, 50.5324



1.5959, 1.8355, 4.7133

Inverse Universe

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



57.4049, 38.6528, 62.1947



56.2067, 34.4540, 58.5243



71.4586, 78.7706, 29.8524



17.7187, 17.4149, 20.3746



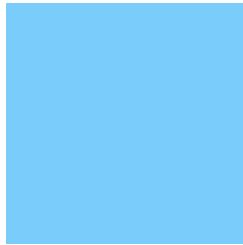
24.4471, 12.1946, 19.5948



2.3145, 1.1495, 2.0793

Previews

White Background



This preview shows how the XYZ color 47.1127, 54.7023, 98.5180 looks on a white background.

Color Contrast Check

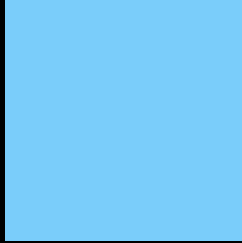
Large Text (above 18pt) WCAG AA × Fail

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 47.1127, 54.7023, 98.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

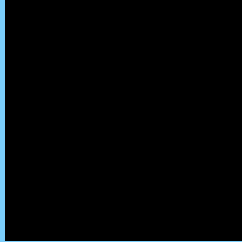
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

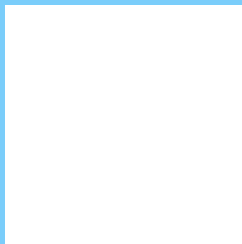
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1127, 54.7023, 98.5180

Background



This preview shows how black text looks on a background with the XYZ color 47.1127, 54.7023, 98.5180.



This preview shows how white text looks on a background with the XYZ color 47.1127, 54.7023,

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

47.1127, 54.7023, 98.5180

Protanopia

54.2553, 54.1174, 90.8052

Deuteranopia

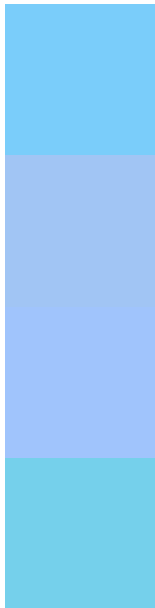
55.6518, 54.2985, 100.4760



Tritanopia

43.4674, 54.6693, 80.2128

Trichromacy



Original Color

47.1127, 54.7023, 98.5180

Protanomaly

50.9933, 54.0412, 93.3313

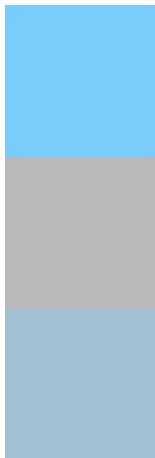
Deuteranomaly

51.8078, 53.9817, 99.7844

Tritanomaly

44.8874, 54.8918, 86.8266

Monochromacy



Original Color

47.1127, 54.7023, 98.5180

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.2586, 49.9841, 67.5841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1127, 54.7023, 98.5180 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(122, 205, 250)` looks like.

```
.text, #text, p{  
    color:rgb(122, 205, 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(122, 205, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 205, 250) }
```

Border

The CSS property to change the border of an element to XYZ 47.1127, 54.7023, 98.5180 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(122, 205, 250) }
```


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

```
.border{ border-color:rgb(122, 205, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 205, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 205, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 205, 250);  
box-shadow:4px 4px 4px 4px rgb(122, 205,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1127, 54.7023, 98.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 205, 250) }
```

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

```
.background{ background-color: rgb(122,  
205, 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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