

Converting Colors

XYZ(44.5655, 53.3450,
102.5555)

Have a look what the booklet for
XYZ(44.5655, 53.3450, 102.5555)
contains.

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Color

**XYZ(44.4974, 53.2623,
102.5431)**

Conversions

Conversions Part 1

Format	Color
Hex	5ECDFF
RGB	94, 205, 255
RGB Percent	37%, 80%, 100%
CMY	0.6313, 0.1961, 0.0000
CMYK	0.63, 0.20, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 63%, 100%
XYZ	44.4974, 53.2623, 102.5431
YIQ	177.5110, -82.2060, -7.9820

Conversions

Conversions Part 2

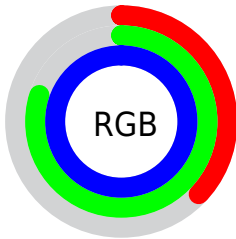
Format	Color
R _Y B	94, 160, 255
Decimal	6213119
CIE Lab	78.03, -17.06, -33.92
CIE LCh	78, 37.968, 243.302
Yxy	53.2623, 0.2222, 0.2659
Android (android.graphics.Color)	4284403199 (0xFF5ECDFF)
YUV	177.5110, 38.2021, -73.2391
Hunter-Lab	72.9810, -18.8832, -32.2196

Details

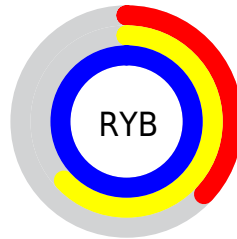
The XYZ color **44.4974, 53.2623, 102.5431** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **53.2350, 42.0167, 15.8960**, and the grayscale version is **41.8968, 44.0787, 48.0017**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **21.2597, 26.2104, 57.3647** is the 20% darker color. If you saturate the color by 10%, you get **40.4548, 48.4378, 101.8250**, and if you desaturate by 10%, it is **49.5024, 58.7273, 103.3342**.

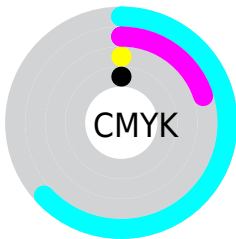
Distribution



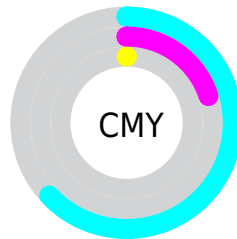
- Red (37%)
- Green (80%)
- Blue (100%)



- Red (37%)
- Yellow (63%)
- Blue (100%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4974, 53.2623, 102.5431 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 44.4974, 53.2623, 102.5431 by changing the saturation by 10% instead.

■ 44.4974, 53.2623,
102.5431

■ 44.4974, 53.2623,
102.5431

355.5522,
399.2906, 589.6318

■ 31.2613, 38.0122,
77.7974

■ 81.2074, 94.9902,
166.7299

■ 20.9507, 25.9922,
57.3921

■ 105.4120,
122.2369, 207.0080

■ 13.2002, 16.8178,
40.9087

■ 134.0036,
154.2511, 253.3008

■ 7.6445, 10.1047,
27.9286

■ 167.3474,
191.4174, 306.0266

■ 3.9182, 5.4684,
18.0332

205.8088,
234.1201, 365.6041

■ 1.6560, 2.5246,
10.8042

249.7532,

■ 0.4285, 0.8889,

282.7436, 432.4518

5.8228

299.5459,
337.6723, 506.9882

■ 0.0000, 0.0000,
2.6706

■ 0.0000, 0.0000,
0.9286

■ 44.4974, 53.2623,
102.5431

■ 44.4974, 53.2623,
102.5431

■ 40.4548, 48.4378,
101.8250

■ 49.5024, 58.7273,
103.3342

■ 37.2796, 44.1997,
101.1743

■ 55.5432, 64.8697,
104.2014

■ 34.8641, 40.4914,
100.5858

■ 62.6909, 71.7291,
105.1487

■ 33.5376, 38.1952,
100.2125

■ 71.0088, 79.3401,
106.1793

■ 80.5553, 87.7347,
107.2965

■ 91.3843, 96.9426,
108.5031

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

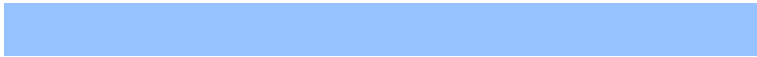
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.6400, 53.2623, 83.3654



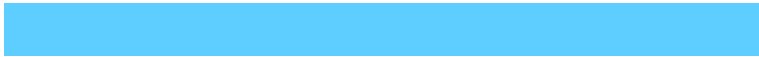
44.4974, 53.2623, 102.5431



51.4482, 53.2623, 108.9240

Triad

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



44.4974, 53.2623, 102.5431



66.1977, 53.2623, 55.6780



43.2075, 53.2623, 30.1697

Complementary

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



44.4974, 53.2623, 102.5431



53.2350, 42.0167, 15.8960

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.



49.8091, 53.2623, 26.0850



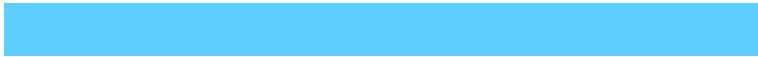
44.4974, 53.2623, 102.5431



63.4705, 53.2623, 38.3752

Square

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



44.4974, 53.2623, 102.5431



64.4282, 53.2623, 78.2938



57.2891, 53.2623, 28.6768



38.9478, 53.2623, 41.5458

Rectangle

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



44.4974, 53.2623, 102.5431



56.4634, 53.2623, 104.0423



57.2891, 53.2623, 28.6768



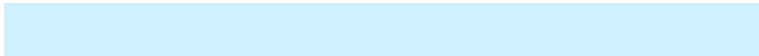
45.2021, 53.2623, 28.0435

Sweetspot

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



44.4990, 53.2641, 102.5434



74.8029, 82.7134, 106.6305



45.2825, 75.8624, 37.9682



15.4441, 17.2014, 22.7562



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.



44.4990, 53.2641, 102.5434



39.4602, 47.1652, 101.6318



30.1544, 24.5749, 97.7619



18.0510, 19.4737, 23.0573



17.6632, 20.2360, 52.4096



1.8172, 2.1651, 5.1354

Inverse Universe

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



56.2633, 33.6749, 61.2939



52.7487, 28.5506, 54.2500



69.5955, 74.7378, 21.3496



18.5384, 18.1987, 21.4524



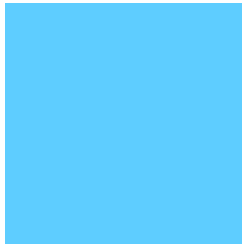
25.7038, 12.7708, 22.8883



2.5518, 1.2631, 2.4874

Previews

White Background



This preview shows how the XYZ color 44.4974, 53.2623, 102.5431 looks on a white background.

Color Contrast Check

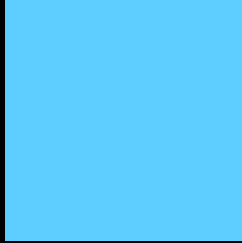
Large Text (above 18pt) WCAG AA × Fail

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 44.4974, 53.2623, 102.5431 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

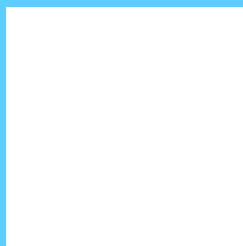
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4974, 53.2623, 102.5431

Background



This preview shows how black text looks on a background with the XYZ color 44.4974, 53.2623, 102.5431.

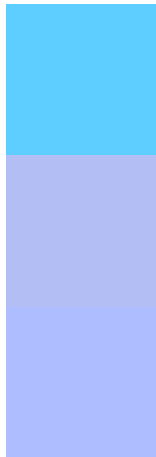


This preview shows how white text looks on a background with the XYZ color 44.4974, 53.2623,

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

44.4974, 53.2623, 102.5431

Protanopia

53.1027, 52.8235, 92.9851

Deuteranopia

53.7032, 52.6139, 101.9328



Tritanopia

40.2200, 53.3447, 80.8498

Trichromacy



Original Color

44.4974, 53.2623, 102.5431

Protanomaly

48.4910, 52.0106, 96.2902

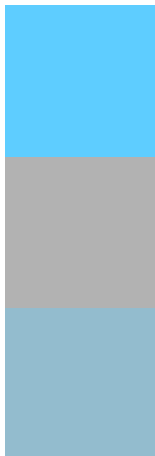
Deuteranomaly

49.2422, 52.2700, 102.1015

Tritanomaly

41.5882, 53.1575, 88.1893

Monochromacy



Original Color

44.4974, 53.2623, 102.5431

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.1564, 46.6257, 65.2230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4974, 53.2623, 102.5431 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(94, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 205, 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(94, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.4974, 53.2623, 102.5431 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(94, 205, 255) }
```


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

```
.border{ border-color:rgb(94, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4974, 53.2623, 102.5431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 205, 255) }
```

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

```
.background{ background-color: rgb(94, 205,  
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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