

Converting Colors

XYZ(77.1327, 66.0070,
274.8918)

Have a look what the booklet for
XYZ(77.1327, 66.0070, 274.8918)
contains.

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Color

**XYZ(44.3622, 52.8386,
102.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	5FCCFF
RGB	95, 204, 255
RGB Percent	37%, 80%, 100%
CMY	0.6274, 0.2000, 0.0000
CMYK	0.63, 0.20, 0.00, 0.00
HSL	199°, 100%, 69%
HSV	199°, 63%, 100%
XYZ	44.3622, 52.8386, 102.4685
YIQ	177.2230, -81.3350, -7.2470

Conversions

Conversions Part 2

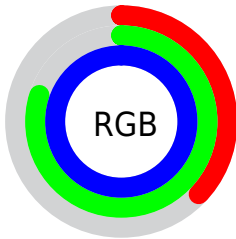
Format	Color
R_{YB}	95, 160, 255
Decimal	6278399
CIE _{Lab}	77.78, -16.37, -34.30
CIE _{LCh}	78, 38.011, 244.483
Yxy	52.8386, 0.2222, 0.2646
Android (android.graphics.Color)	4284468479 (0xFF5FCCFF)
YUV	177.2230, 38.3441, -72.1096
Hunter-Lab	72.6902, -18.2707, -32.6957

Details

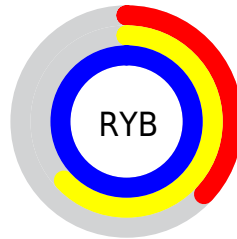
The XYZ color **44.3622, 52.8386, 102.4685** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **53.5859, 42.6462, 16.2359**, and the grayscale version is **41.7445, 43.9184, 47.8272**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **21.0994, 25.8899, 57.3113** is the 20% darker color. If you saturate the color by 10%, you get **40.2522, 47.9272, 101.7371**, and if you desaturate by 10%, it is **49.4428, 58.4020, 103.2745**.

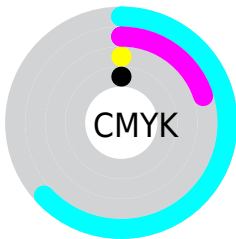
Distribution



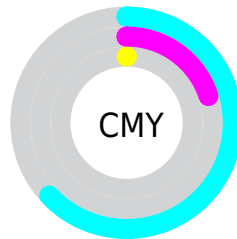
- Red (37%)
- Green (80%)
- Blue (100%)



- 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 44.3622, 52.8386, 102.4685 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 44.3622, 52.8386, 102.4685 by changing the saturation by 10% instead.

■ 44.3622, 52.8386,
102.4685

■ 44.3622, 52.8386,
102.4685

■ 355.0116,
397.6656, 589.3924

■ 31.1545, 37.6739,
77.7353

■ 81.0055, 94.3668,
166.6267

■ 20.8689, 25.7297,
57.3414

■ 105.1717,
121.4992, 206.8889

■ 13.1401, 16.6216,
40.8682

■ 133.7216,
153.3896, 253.1644

■ 7.6028, 9.9650,
27.8972

■ 167.0203,
190.4224, 305.8720

■ 3.8915, 5.3758,
18.0098

■ 205.4333,
232.9820, 365.4300

■ 1.6409, 2.4694,
10.7875

■ 249.3260,

■ 0.4189, 0.8613,

281.4528, 432.2570

5.8118

299.0636,
336.2192, 506.7716

■ 0.0000, 0.0000,
2.6640

■ 0.0000, 0.0000,
0.9252

■ 44.3622, 52.8386,
102.4685

■ 44.3622, 52.8386,
102.4685

■ 40.2522, 47.9272,
101.7371

■ 49.4428, 58.4020,
103.2745

■ 37.0182, 43.6139,
101.0750

■ 55.5669, 64.6543,
104.1586

■ 34.5534, 39.8422,
100.4769

■ 62.8058, 71.6353,
105.1245

■ 33.1317, 37.3834,
100.0772

■ 71.2224, 79.3797,
106.1757

■ 80.8751, 87.9194,
107.3153

■ 91.8179, 97.2846,
108.5462

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

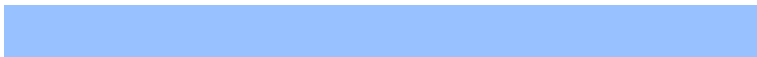
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.4249, 52.8386, 83.6981



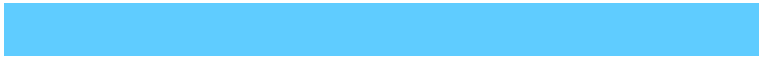
44.3622, 52.8386, 102.4685



51.3371, 52.8386, 108.2053

Triad

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



44.3622, 52.8386, 102.4685



65.7116, 52.8386, 54.4185



42.6196, 52.8386, 30.1486

Complementary

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



44.3622, 52.8386, 102.4685



53.5859, 42.6462, 16.2359

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.



49.1222, 52.8386, 25.8206



44.3622, 52.8386, 102.4685



62.8286, 52.8386, 37.4817

Square

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



44.3622, 52.8386, 102.4685



64.1232, 52.8386, 76.8412



56.5753, 52.8386, 28.1337



38.4899, 52.8386, 41.7635

Rectangle

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



44.3622, 52.8386, 102.4685



56.3248, 52.8386, 102.9237



56.5753, 52.8386, 28.1337



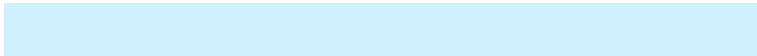
44.5758, 52.8386, 27.9421

Sweetspot

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



44.3638, 52.8404, 102.4687



74.6863, 82.4800, 106.5916



45.6432, 76.0185, 39.3283



15.4158, 17.1446, 22.7467



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.



44.3638, 52.8404, 102.4687



39.4486, 46.9025, 101.5817



30.0207, 24.1543, 97.6877



18.0380, 19.4476, 23.0530



17.4526, 19.8148, 52.3394



1.7979, 2.1265, 5.1290

Inverse Universe

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



56.2324, 33.8058, 60.6899



52.8013, 28.7954, 53.8369



70.4122, 76.2989, 21.8447



18.5318, 18.1960, 21.4177



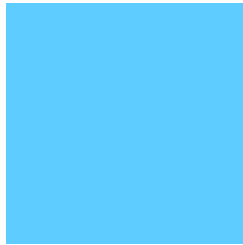
25.5975, 12.7283, 22.3285



2.5421, 1.2592, 2.4361

Previews

White Background



This preview shows how the XYZ color 44.3622, 52.8386, 102.4685 looks on a white background.

Color Contrast Check

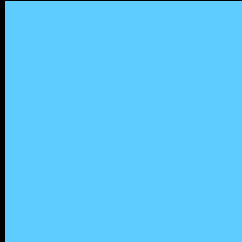
Large Text (above 18pt) WCAG AA × Fail

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 44.3622, 52.8386, 102.4685 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

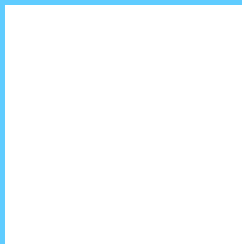
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3622, 52.8386, 102.4685

Background



This preview shows how black text looks on a background with the XYZ color 44.3622, 52.8386, 102.4685.

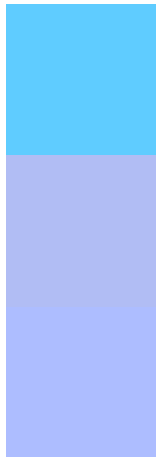


This preview shows how white text looks on a background with the XYZ color 44.3622, 52.8386,

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

44.3622, 52.8386, 102.4685

Protanopia

52.6582, 52.2740, 92.9024

Deuteranopia

53.4812, 52.4994, 101.9224



Tritanopia

39.9213, 52.8412, 80.0468

Trichromacy



Original Color

44.3622, 52.8386, 102.4685

Protanomaly

48.2677, 51.5639, 96.2158

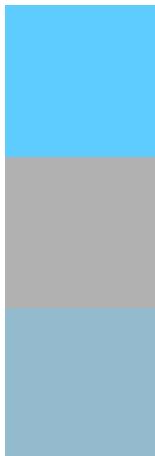
Deuteranomaly

49.0188, 51.8233, 102.0271

Tritanomaly

41.4366, 52.7185, 88.1125

Monochromacy



Original Color

44.3622, 52.8386, 102.4685

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.8224, 46.1515, 64.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3622, 52.8386, 102.4685 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(95, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 204, 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(95, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.3622, 52.8386, 102.4685 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(95, 204, 255) }
```


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

```
.border{ border-color:rgb(95, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3622, 52.8386, 102.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 204, 255) }
```

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

```
.background{ background-color: rgb(95, 204,  
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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