

Converting Colors

XYZ(78.0752, 72.0653,
280.2327)

Have a look what the booklet for
XYZ(78.0752, 72.0653, 280.2327)
contains.

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Color

**XYZ(44.4202, 58.4185,
103.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	2CDBFF
RGB	44, 219, 255
RGB Percent	17%, 86%, 100%
CMY	0.8274, 0.1412, 0.0000
CMYK	0.83, 0.14, 0.00, 0.00
HSL	190°, 100%, 59%
HSV	190°, 83%, 100%
XYZ	44.4202, 58.4185, 103.5424
YIQ	170.7790, -115.8560, -25.9040

Conversions

Conversions Part 2

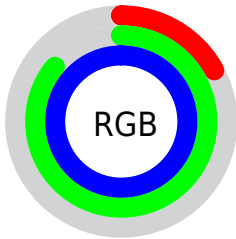
Format	Color
RYB	44, 140, 255
Decimal	2939903
CIELab	80.97, -29.96, -29.48
CIELCh	81, 42.035, 224.540
Yxy	58.4185, 0.2152, 0.2831
Android (android.graphics.Color)	4281129983 (0xFF2CDBFF)
YUV	170.7790, 41.5210, -111.1852
Hunter-Lab	76.4320, -30.0166, -26.8177

Details

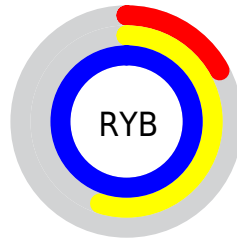
The XYZ color **44.4202, 58.4185, 103.5424** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.5651, 27.1821, 5.2828**, and the grayscale version is **38.4417, 40.4437, 44.0432**.

A 20% lighter version of the original color is **62.5624, 83.2520, 107.3796**, and **23.4685, 30.6281, 58.1010** is the 20% darker color. If you saturate the color by 10%, you get **42.5213, 55.7776, 103.1328**, and if you desaturate by 10%, it is **47.0237, 61.4689, 103.9940**.

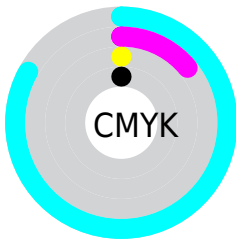
Distribution



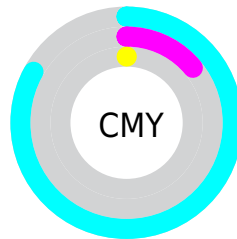
- Red (17%)
- Green (86%)
- Blue (100%)



- Red (17%)
- Yellow (55%)
- Blue (100%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4202, 58.4185, 103.5424 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 44.4202, 58.4185, 103.5424 by changing the saturation by 10% instead.

44.4202, 58.4185,
103.5424

44.4202, 58.4185,
103.5424

355.2436,
418.7436, 592.8346

31.2003, 42.1452,
78.6289

81.0921, 102.5320,
168.1110

20.9040, 29.2150,
58.0712

105.2748,
131.1411, 208.6032

13.1659, 19.2435,
41.4508

133.8426,
164.6308, 255.1253

7.6207, 11.8464,
28.3492

167.1606,
203.3856, 308.0960

3.9030, 6.6392,
18.3477

205.5944,
247.7899, 367.9337

1.6474, 3.2375,
11.0279

249.5093,

0.4230, 1.2569,

298.2280, 435.0570

5.9712

299.2705,
355.0845, 509.8845

■ 0.0000, 0.1075,
2.7591

■ 0.0000, 0.0000,
0.9730

■ 44.4202, 58.4185,
103.5424

■ 44.4202, 58.4185,
103.5424

■ 42.5213, 55.7776,
103.1328

■ 47.0237, 61.4689,
103.9940

■ 41.4667, 54.0533,
102.8556

■ 50.4337, 64.9784,
104.4917

■ 54.7405, 68.9948,
105.0400

■ 60.0204, 73.5580,
105.6424

■ 66.3418, 78.7034,
106.3024

■ 73.7666, 84.4633,
107.0229

■ 82.3518, 90.8673,
107.8065

■ 92.1504, 97.9431,
108.6558

■ 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.



40.8367, 58.4185, 76.4290



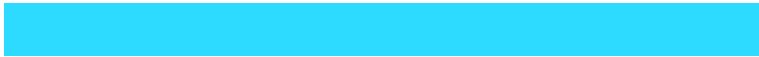
44.4202, 58.4185, 103.5424



51.1781, 58.4185, 121.9592

Triad

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



44.4202, 58.4185, 103.5424



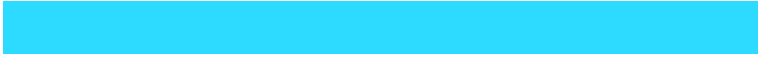
73.2866, 58.4185, 77.2730



51.4246, 58.4185, 27.5527

Complementary

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



44.4202, 58.4185, 103.5424



44.5651, 27.1821, 5.2828

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.



60.1113, 58.4185, 27.6670



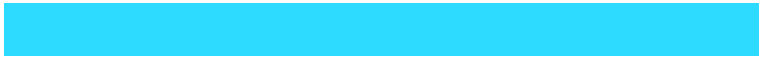
44.4202, 58.4185, 103.5424



73.3704, 58.4185, 52.3072

Square

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



44.4202, 58.4185, 103.5424



68.1235, 58.4185, 104.2979



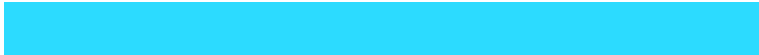
68.3416, 58.4185, 35.5420



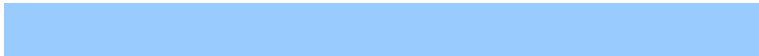
44.5843, 58.4185, 35.1737

Rectangle

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



44.4202, 58.4185, 103.5424



56.8616, 58.4185, 124.4224



68.3416, 58.4185, 35.5420



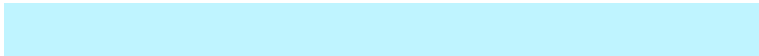
54.2095, 58.4185, 26.7668

Sweetspot

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



44.4219, 58.4205, 103.5427



71.9865, 83.1042, 106.8544



38.2177, 72.6232, 19.4358



14.8415, 17.3500, 22.8166



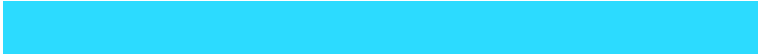
0.0000, 0.0000, 0.0000



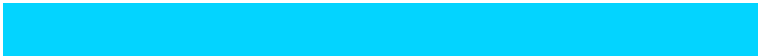
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4219, 58.4205, 103.5427



41.6072, 54.2869, 102.8932



25.1463, 19.8692, 97.1175



18.2756, 19.9228, 23.1322



21.7642, 28.4380, 53.7766



2.1856, 2.9020, 5.2582

Inverse Universe

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



54.9281, 28.1776, 69.5636



53.1421, 26.0651, 64.4693



58.9758, 56.0036, 10.0864



18.6518, 18.2440, 22.0493



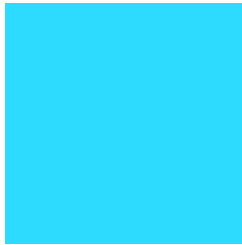
27.7738, 13.5988, 33.7888



2.7378, 1.3375, 3.4667

Previews

White Background



This preview shows how the XYZ color 44.4202, 58.4185, 103.5424 looks on a white background.

Color Contrast Check

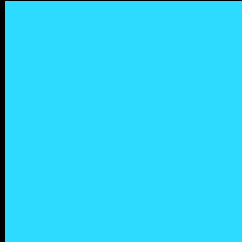
Large Text (above 18pt) WCAG AA × Fail

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 44.4202, 58.4185, 103.5424 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 44.4202, 58.4185, 103.5424

Background



This preview shows how black text looks on a background with the XYZ color 44.4202, 58.4185, 103.5424.

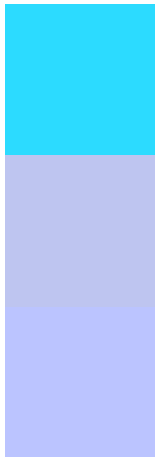


This preview shows how white text looks on a background with the XYZ color 44.4202, 58.4185,

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

44.4202, 58.4185, 103.5424

Protanopia

56.9296, 57.1709, 90.4727

Deuteranopia

58.2834, 57.2647, 102.5891



Tritanopia

42.0631, 58.6440, 91.5405

Trichromacy



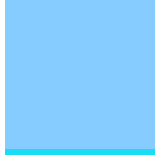
Original Color

44.4202, 58.4185, 103.5424



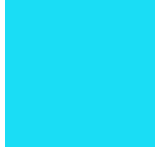
Protanomaly

48.6293, 55.5736, 94.5499



Deuteranomaly

49.6345, 55.5566, 102.7152



Tritanomaly

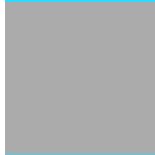
42.7639, 58.5251, 95.4288

Monochromacy



Original Color

44.4202, 58.4185, 103.5424



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

37.1013, 44.5907, 62.5285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4202, 58.4185, 103.5424 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(44, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(44, 219, 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(44, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.4202, 58.4185, 103.5424 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(44, 219, 255) }
```


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

```
.border{ border-color:rgb(44, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(44, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4202, 58.4185, 103.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 219, 255) }
```

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

```
.background{ background-color: rgb(44, 219,  
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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