

Converting Colors

XYZ(52.3575, 71.0481,
105.5619)

Have a look what the booklet for
XYZ(52.3575, 71.0481, 105.5619)
contains.

XYZ(52.4345, 71.2024, 105.5876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.4345, 71.2024,
105.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	4FF0FF
RGB	79, 240, 255
RGB Percent	31%, 94%, 100%
CMY	0.6902, 0.0588, 0.0000
CMYK	0.69, 0.06, 0.00, 0.00
HSL	185°, 100%, 65%
HSV	185°, 69%, 100%
XYZ	52.4345, 71.2024, 105.5876
YIQ	193.5710, -100.7710, -29.4670

Conversions

Conversions Part 2

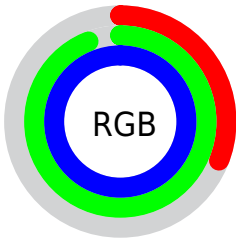
Format	Color
RYB	79, 163, 255
Decimal	5239039
CIELab	87.58, -36.40, -19.37
CIELCh	88, 41.237, 208.016
Yxy	71.2024, 0.2287, 0.3106
Android (android.graphics.Color)	4283429119 (0xFF4FF0FF)
YUV	193.5710, 30.2845, -100.4788
Hunter-Lab	84.3815, -36.7481, -15.1232

Details

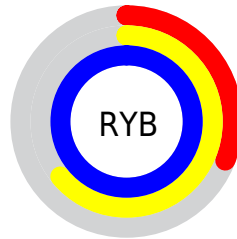
The XYZ color **52.4345, 71.2024, 105.5876** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **46.6550, 29.8314, 10.6983**, and the grayscale version is **50.8970, 53.5476, 58.3133**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **27.1265, 37.9442, 59.3203** is the 20% darker color. If you saturate the color by 10%, you get **50.0704, 69.0412, 105.2950**, and if you desaturate by 10%, it is **55.6231, 73.8030, 105.9215**.

Distribution



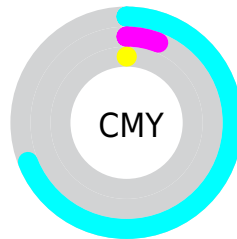
- Red (31%)
- Green (94%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4345, 71.2024, 105.5876 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 52.4345, 71.2024, 105.5876 by changing the saturation by 10% instead.


 52.4345, 71.2024,
105.5876


 52.4345, 71.2024,
105.5876


386.4082,
464.7607, 599.3613


 37.5772, 52.5074,
80.3323

 92.9422, 120.9219,
170.9335


 25.8304, 37.4097,
59.4641


 119.3232,
152.7151, 211.8611

 16.8288, 25.5248,
42.5643


 150.2762,
189.6432, 258.8500

 10.2071, 16.4685,
29.2146

 186.1666,
232.0906, 312.3186

 5.5998, 9.8563,
18.9962

227.3596,
280.4417, 372.6855

 2.6416, 5.3038,
11.4908

274.2206,

 0.9672, 2.4266,

335.0808, 440.3692

6.2797

327.1150,
396.3923, 515.7883

■ 0.0000, 0.8395,
2.9443

■ 0.0000, 0.0000,
1.0663

■ 52.4345, 71.2024,
105.5876

■ 52.4345, 71.2024,
105.5876

■ 50.0704, 69.0412,
105.2950

■ 55.6231, 73.8030,
105.9215

■ 48.4261, 67.2610,
105.0381

■ 59.7135, 76.8785,
106.2995

■ 47.3577, 65.7888,
104.8102

■ 64.7807, 80.4689,
106.7255

■ 47.2656, 65.6512,
104.7885

■ 70.8901, 84.6081,
107.2024

■ 78.1017, 89.3270,
107.7332

■ 86.4705, 94.6541,
108.3203

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.



50.6119, 71.2024, 75.6828



52.4345, 71.2024, 105.5876



58.2212, 71.2024, 132.5820

Triad

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



52.4345, 71.2024, 105.5876



84.8594, 71.2024, 109.5941



68.3270, 71.2024, 35.2886

Complementary

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



52.4345, 71.2024, 105.5876



46.6550, 29.8314, 10.6983

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.



78.1021, 71.2024, 40.3150



52.4345, 71.2024, 105.5876



88.1993, 71.2024, 79.4015

Square

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



52.4345, 71.2024, 105.5876



76.8714, 71.2024, 135.2588



85.6166, 71.2024, 54.9388



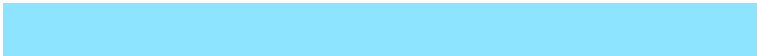
59.2443, 71.2024, 39.1245

Rectangle

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



52.4345, 71.2024, 105.5876



63.8563, 71.2024, 142.8194



85.6166, 71.2024, 54.9388



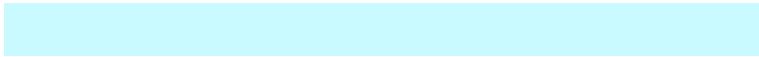
71.6445, 71.2024, 35.9664

Sweetspot

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



52.4365, 71.2049, 105.5880



76.5801, 88.3430, 107.6234



40.9912, 73.9851, 22.6338



15.9542, 18.6244, 23.0039



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.



52.4365, 71.2049, 105.5880



49.3350, 68.2891, 105.1886



32.5588, 31.4496, 98.9621



18.4147, 20.2010, 23.1786



24.7523, 34.4143, 54.7726



2.4474, 3.4256, 5.3455

Inverse Universe

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



59.7655, 33.1450, 85.6884



57.3976, 29.1257, 82.6904



59.3124, 55.1460, 14.9174



18.7220, 18.2721, 22.4190



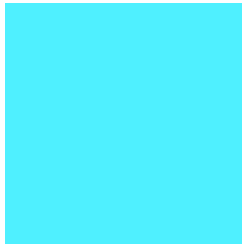
29.2820, 14.2021, 41.7312



2.8700, 1.3904, 4.1626

Previews

White Background



This preview shows how the XYZ color 52.4345, 71.2024, 105.5876 looks on a white background.

Color Contrast Check

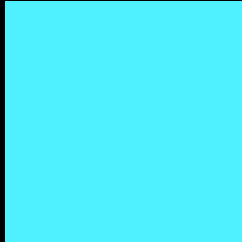
Large Text (above 18pt) WCAG AA × Fail

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 52.4345, 71.2024, 105.5876 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 52.4345, 71.2024, 105.5876

Background



This preview shows how black text looks on a background with the XYZ color 52.4345, 71.2024, 105.5876.

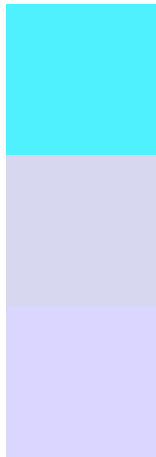


This preview shows how white text looks on a background with the XYZ color 52.4345, 71.2024,

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

52.4345, 71.2024, 105.5876

Protanopia

68.3084, 69.8501, 92.3203

Deuteranopia

71.0100, 70.2186, 104.4186



Tritanopia

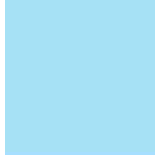
54.2780, 70.8525, 105.4229

Trichromacy



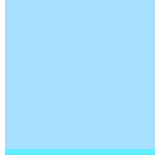
Original Color

52.4345, 71.2024, 105.5876



Protanomaly

59.1325, 68.5500, 96.5011



Deuteranomaly

60.3740, 68.2108, 104.5917



Tritanomaly

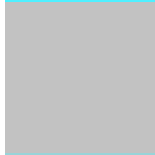
53.4484, 70.8559, 105.4673

Monochromacy



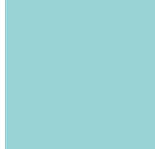
Original Color

52.4345, 71.2024, 105.5876



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.6378, 58.2218, 73.6402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4345, 71.2024, 105.5876 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(79, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 240, 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(79, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4345, 71.2024, 105.5876 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(79, 240, 255) }
```


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

```
.border{ border-color:rgb(79, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4345, 71.2024, 105.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 240, 255) }
```

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

```
.background{ background-color: rgb(79, 240,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor