

Converting Colors

XYZ(52.1341, 71.5270,
105.6661)

Have a look what the booklet for
XYZ(52.1341, 71.5270, 105.6661)
contains.

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Color

**XYZ(52.1038, 71.4702,
105.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	47F1FF
RGB	71, 241, 255
RGB Percent	28%, 95%, 100%
CMY	0.7215, 0.0549, 0.0000
CMYK	0.72, 0.05, 0.00, 0.00
HSL	185°, 100%, 64%
HSV	185°, 72%, 100%
XYZ	52.1038, 71.4702, 105.6567
YIQ	191.7660, -105.8140, -31.6860

Conversions

Conversions Part 2

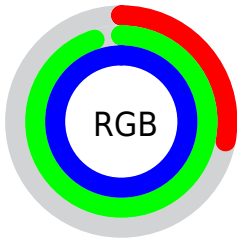
Format	Color
RYB	71, 159, 255
Decimal	4715007
CIELab	87.71, -37.83, -19.19
CIELCh	88, 42.417, 206.898
Yxy	71.4702, 0.2273, 0.3118
Android (android.graphics.Color)	4282905087 (0xFF47F1FF)
YUV	191.7660, 31.1744, -105.9118
Hunter-Lab	84.5400, -37.9318, -14.9216

Details

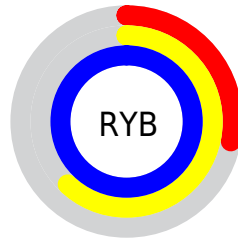
The XYZ color **52.1038, 71.4702, 105.6567** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.6269, 28.2134, 9.0042**, and the grayscale version is **49.8376, 52.4330, 57.0995**.

A 20% lighter version of the original color is **65.3116, 84.6693, 107.5083**, and **27.3335, 38.3582, 59.3893** is the 20% darker color. If you saturate the color by 10%, you get **50.0400, 69.5599, 105.3968**, and if you desaturate by 10%, it is **54.9616, 73.8020, 105.9562**.

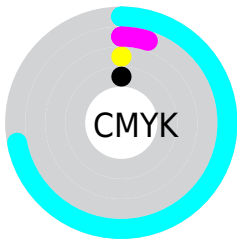
Distribution



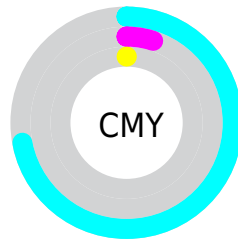
- Red (28%)
- Green (95%)
- Blue (100%)



- Red (28%)
- Yellow (62%)
- Blue (100%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1038, 71.4702, 105.6567 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 52.1038, 71.4702, 105.6567 by changing the saturation by 10% instead.

 52.1038, 71.4702,
105.6567


 52.1038, 71.4702,
105.6567


385.1546,
465.6955, 599.5812


 37.3124, 52.7260,
80.3899


 92.4576, 121.3030,
171.0287


 25.6243, 37.5841,
59.5112


 118.7508,
153.1604, 211.9710

 16.6740, 25.6600,
42.6021

 149.6086,
190.1576, 258.9756

 10.0962, 16.5695,
29.2439

 185.3964,
232.6791, 312.4610

 5.5255, 9.9280,
19.0183

226.4795,
281.1093, 372.8457

 2.5967, 5.3513,
11.5065

273.2234,

 0.9443, 2.4548,

335.8324, 440.5483

6.2902

325.9933,
397.2330, 515.9872

■ 0.0000, 0.8539,
2.9507

■ 0.0000, 0.0000,
1.0695

■ 52.1038, 71.4702,
105.6567

■ 52.1038, 71.4702,
105.6567

■ 50.0400, 69.5599,
105.3968

■ 54.9616, 73.8020,
105.9562

■ 48.6588, 68.0090,
105.1702

■ 58.6949, 76.5927,
106.2981

■ 47.9308, 66.9817,
105.0103

■ 63.3814, 79.8839,
106.6863

■ 69.0887, 83.7105,
107.1241

■ 75.8783, 88.1043,
107.6144

■ 83.8068, 93.0944,
108.1597

■ 92.9267, 98.7079,
108.7625

■ 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.



50.3937, 71.4702, 74.8603



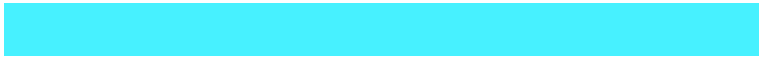
52.1038, 71.4702, 105.6567



57.9078, 71.4702, 134.0378

Triad

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



52.1038, 71.4702, 105.6567



85.4500, 71.4702, 112.1500



68.9821, 71.4702, 34.5855

Complementary

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



52.1038, 71.4702, 105.6567



45.6269, 28.2134, 9.0042

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.



79.0473, 71.4702, 40.0364



52.1038, 71.4702, 105.6567



89.1255, 71.4702, 80.8544

Square

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



52.1038, 71.4702, 105.6567



77.0590, 71.4702, 138.3904



86.6752, 71.4702, 55.3582



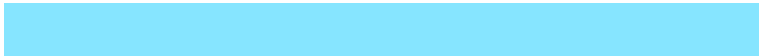
59.5526, 71.4702, 38.1428

Rectangle

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



52.1038, 71.4702, 105.6567



63.6405, 71.4702, 145.1762



86.6752, 71.4702, 55.3582



72.4086, 71.4702, 35.3839

Sweetspot

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



52.1058, 71.4727, 105.6571



75.9903, 88.1757, 107.6222



39.9315, 73.4889, 20.3202



15.8464, 18.6053, 23.0059



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.



52.1058, 71.4727, 105.6571



49.2925, 68.7667, 105.2831



31.6743, 30.6097, 98.8466



18.4297, 20.2309, 23.1836



25.0947, 35.0989, 54.8867



2.4772, 3.4850, 5.3554

Inverse Universe

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



59.3717, 32.1191, 86.2922



57.2388, 28.5364, 83.4752



57.7607, 52.4810, 13.0488



18.7295, 18.2751, 22.4588



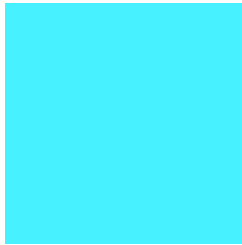
29.4548, 14.2712, 42.6411



2.8850, 1.3964, 4.2416

Previews

White Background



This preview shows how the XYZ color 52.1038, 71.4702, 105.6567 looks on a white background.

Color Contrast Check

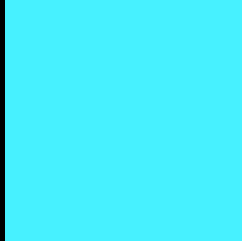
Large Text (above 18pt) WCAG AA × Fail

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 52.1038, 71.4702, 105.6567 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 52.1038, 71.4702, 105.6567

Background



This preview shows how black text looks on a background with the XYZ color 52.1038, 71.4702, 105.6567.

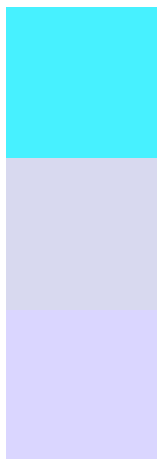


This preview shows how white text looks on a background with the XYZ color 52.1038, 71.4702,

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

52.1038, 71.4702, 105.6567

Protanopia

68.7117, 70.4566, 91.6393

Deuteranopia

71.0100, 70.2186, 104.4186



Tritanopia

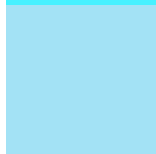
54.5684, 71.4332, 105.5197

Trichromacy



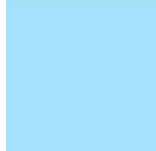
Original Color

52.1038, 71.4702, 105.6567



Protanomaly

58.7820, 68.7718, 96.5623



Deuteranomaly

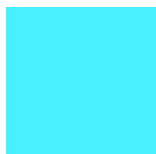
60.2227, 68.5306, 104.6614



Tritanomaly

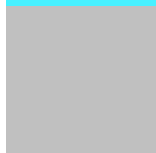
53.4307, 71.2802, 105.5501

Monochromacy



Original Color

52.1038, 71.4702, 105.6567



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.5251, 57.2954, 72.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1038, 71.4702, 105.6567 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(71, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 241, 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(71, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1038, 71.4702, 105.6567 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(71, 241, 255) }
```


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

```
.border{ border-color:rgb(71, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1038, 71.4702, 105.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 241, 255) }
```

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

```
.background{ background-color: rgb(71, 241,  
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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