

Converting Colors

XYZ(52.1027, 72.3340,
105.8228)

Have a look what the booklet for
XYZ(52.1027, 72.3340, 105.8228)
contains.

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Color

**XYZ(52.0872, 72.3453,
105.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	3EF3FF
RGB	62, 243, 255
RGB Percent	24%, 95%, 100%
CMY	0.7568, 0.0470, 0.0000
CMYK	0.76, 0.05, 0.00, 0.00
HSL	184°, 100%, 62%
HSV	184°, 76%, 100%
XYZ	52.0872, 72.3453, 105.8265
YIQ	190.2490, -111.7280, -34.6400

Conversions

Conversions Part 2

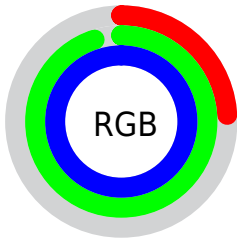
Format	Color
RYB	62, 155, 255
Decimal	4125695
CIELab	88.13, -39.69, -18.57
CIElCh	88, 43.817, 205.073
Yxy	72.3453, 0.2262, 0.3142
Android (android.graphics.Color)	4282315775 (0xFF3EF3FF)
YUV	190.2490, 31.9222, -112.4744
Hunter-Lab	85.0560, -39.5370, -14.2292

Details

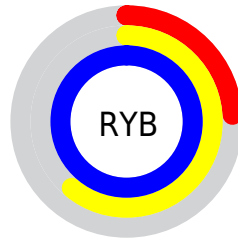
The XYZ color **52.0872, 72.3453, 105.8265** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.5595, 26.5071, 7.3274**, and the grayscale version is **48.9582, 51.5079, 56.0921**.

A 20% lighter version of the original color is **64.4575, 84.2290, 107.4683**, and **27.7519, 39.1950, 59.5288** is the 20% darker color. If you saturate the color by 10%, you get **50.3749, 70.7629, 105.6113**, and if you desaturate by 10%, it is **54.5568, 74.3273, 106.0789**.

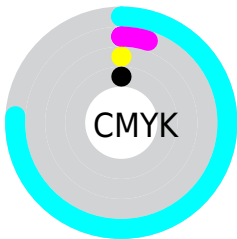
Distribution



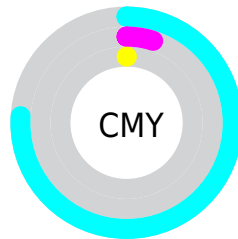
- Red (24%)
- Green (95%)
- Blue (100%)



- Red (24%)
- Yellow (61%)
- Blue (100%)



- Cyan (76%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0872, 72.3453, 105.8265 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 52.0872, 72.3453, 105.8265 by changing the saturation by 10% instead.


 52.0872, 72.3453,
105.8265


 52.0872, 72.3453,
105.8265


385.0916,
468.7426, 600.1213

 37.2991, 53.4408,
80.5314


 92.4333, 122.5473,
171.2628


 25.6139, 38.1548,
59.6270


 118.7220,
154.6136, 212.2411

 16.6662, 26.1028,
42.6947

 149.5750,
191.8360, 259.2843

 10.0906, 16.9006,
29.3161

 185.3577,
234.5988, 312.8108

 5.5218, 10.1636,
19.0724

226.4353,
283.2865, 373.2392

 2.5944, 5.5076,
11.5453

273.1732,

 0.9431, 2.5480,

338.2834, 440.9880

6.3161

325.9369,
399.9740, 516.4759

■ 0.0000, 0.9006,
2.9663

■ 0.0000, 0.0000,
1.0775

■ 52.0872, 72.3453,
105.8265

■ 52.0872, 72.3453,
105.8265

■ 50.3749, 70.7629,
105.6113

■ 54.5568, 74.3273,
106.0789

■ 49.2992, 69.5132,
105.4268

■ 57.8707, 76.7490,
106.3717

■ 48.9600, 69.0399,
105.3533

■ 62.1100, 79.6540,
106.7090

■ 67.3451, 83.0784,
107.0940

■ 73.6394, 87.0550,
107.5298

■ 81.0510, 91.6137,
108.0191

■ 89.6338, 96.7824,
108.5644

■ 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.



50.5868, 72.3453, 73.9213



52.0872, 72.3453, 105.8265



57.8649, 72.3453, 136.1490

Triad

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



52.0872, 72.3453, 105.8265



86.6292, 72.3453, 116.6201



70.5062, 72.3453, 34.1509

Complementary

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



52.0872, 72.3453, 105.8265



44.5595, 26.5071, 7.3274

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.



80.9480, 72.3453, 40.3172



52.0872, 72.3453, 105.8265



90.8399, 72.3453, 83.8298

Square

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



52.0872, 72.3453, 105.8265



77.6537, 72.3453, 143.4084



88.6625, 72.3453, 56.7722



60.5765, 72.3453, 37.2300

Rectangle

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



52.0872, 72.3453, 105.8265



63.7041, 72.3453, 148.6725



88.6625, 72.3453, 56.7722



74.0809, 72.3453, 35.1533

Sweetspot

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



52.0892, 72.3479, 105.8269



75.5140, 88.2186, 107.6556



38.9063, 73.0081, 18.1151



15.6263, 18.5488, 23.0066



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.



52.0892, 72.3479, 105.8269



49.7319, 70.0609, 105.5097



30.7626, 29.6947, 98.7180



18.4525, 20.2766, 23.1912



25.6241, 36.1578, 55.0632



2.5230, 3.5768, 5.3707

Inverse Universe

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



59.1416, 31.1782, 87.6976



57.3592, 28.1963, 85.3059



56.1415, 49.6712, 11.1881



18.7410, 18.2797, 22.5194



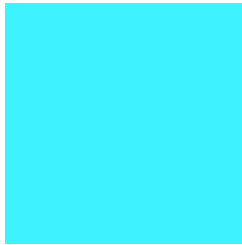
29.7221, 14.3781, 44.0484



2.9081, 1.4056, 4.3636

Previews

White Background



This preview shows how the XYZ color 52.0872, 72.3453, 105.8265 looks on a white background.

Color Contrast Check

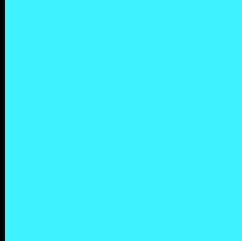
Large Text (above 18pt) WCAG AA × Fail

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 52.0872, 72.3453, 105.8265 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

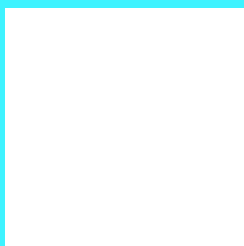
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0872, 72.3453, 105.8265

Background



This preview shows how black text looks on a background with the XYZ color 52.0872, 72.3453, 105.8265.

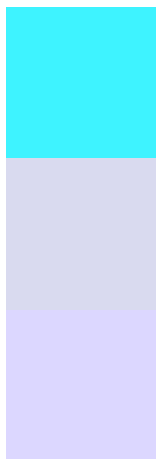


This preview shows how white text looks on a background with the XYZ color 52.0872, 72.3453,

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

52.0872, 72.3453, 105.8265

Protanopia

69.2667, 71.1265, 91.7394

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

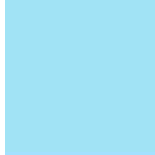
55.4346, 71.8798, 105.5602

Trichromacy



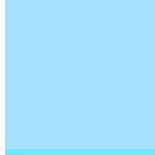
Original Color

52.0872, 72.3453, 105.8265



Protanomaly

58.6485, 69.1078, 96.6342



Deuteranomaly

60.0795, 68.8570, 104.7319



Tritanomaly

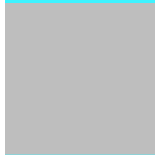
53.8262, 71.9199, 105.6527

Monochromacy



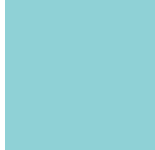
Original Color

52.0872, 72.3453, 105.8265



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.2658, 56.2956, 72.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0872, 72.3453, 105.8265 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(62, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 243, 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(62, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0872, 72.3453, 105.8265 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(62, 243, 255) }
```


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

```
.border{ border-color:rgb(62, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0872, 72.3453, 105.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 243, 255) }
```

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

```
.background{ background-color: rgb(62, 243,  
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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