

Converting Colors

XYZ(52.0862, 70.8717, 92.5975)

Have a look what the booklet for
XYZ(52.0862, 70.8717, 92.5975)
contains.

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Color

**XYZ(52.0400, 70.8486,
92.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	67EFEF
RGB	103, 239, 239
RGB Percent	40%, 94%, 94%
CMY	0.5961, 0.0627, 0.0627
CMYK	0.57, 0.00, 0.00, 0.06
HSL	180°, 81%, 67%
HSV	180°, 57%, 94%
XYZ	52.0400, 70.8486, 92.5937
YIQ	198.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

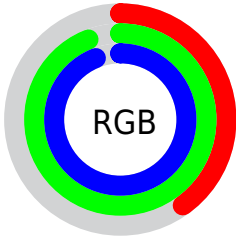
Format	Color
RYB	103, 171, 239
Decimal	6811631
CIELab	87.41, -36.70, -11.19
CIELCh	87, 38.363, 196.955
Yxy	70.8486, 0.2415, 0.3288
Android (android.graphics.Color)	4285001711 (0xFF67EFEF)
YUV	198.3360, 20.0474, -83.6097
Hunter-Lab	84.1716, -36.9408, -6.3023

Details

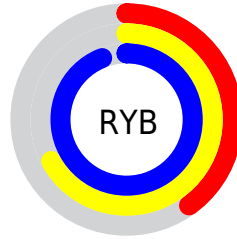
The XYZ color **52.0400, 70.8486, 92.5937** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **42.8974, 29.0326, 16.1772**, and the grayscale version is **53.8001, 56.6019, 61.6395**.

A 20% lighter version of the original color is **69.5359, 86.8470, 107.7060**, and **25.4722, 36.9764, 50.5944** is the 20% darker color. If you saturate the color by 10%, you get **49.6811, 69.6342, 92.4846**, and if you desaturate by 10%, it is **55.1865, 72.4723, 92.7428**.

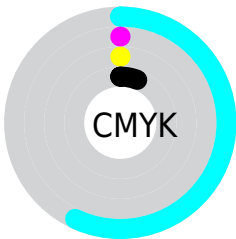
Distribution



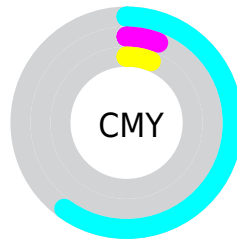
- Red (40%)
- Green (94%)
- Blue (94%)



- Red (40%)
- Yellow (67%)
- Blue (94%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)





- Cyan (60%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0400, 70.8486, 92.5937 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 52.0400, 70.8486, 92.5937 by changing the saturation by 10% instead.


 52.0400, 70.8486,
92.5937

 52.0400, 70.8486,
92.5937

384.9124,
463.5240, 557.2188


 37.2614, 52.2187,
69.5481


 92.3641, 120.4181,
152.9028

 25.5845, 37.1794,
50.6837


 118.6403,
152.1265, 191.0034

 16.6441, 25.3464,
35.5819


 149.4797,
188.9631, 234.9593

 10.0748, 16.3353,
23.8244

185.2477,
231.3124, 285.1892

 5.5112, 9.7618,
14.9924

226.3096,
279.5587, 342.1115

 2.5880, 5.2413,
8.6675

273.0308,

 0.9399, 2.3895,

334.0865, 406.1449

4.4311

325.7766,
395.2801, 477.7078

■ 0.0000, 0.8205,
1.8647

■ 0.0000, 0.0000,
0.4701

■ 52.0400, 70.8486,
92.5937

■ 52.0400, 70.8486,
92.5937

■ 49.6811, 69.6342,
92.4846

■ 55.1865, 72.4723,
92.7428

■ 48.0346, 68.7854,
92.4072


■ 59.1747, 74.5283,
92.9298


■ 47.0220, 68.2634,
92.3595


■ 64.0617, 77.0476,
93.1588


■ 46.5403, 68.0150,
92.3367


■ 69.8974, 80.0560,
93.4322


 46.4476, 67.9673,
92.3323

 76.7283, 83.5775,
93.7522

 84.5978, 87.6343,
94.1208

 87.6883, 89.2275,
94.2657

 87.6883, 89.2275,
94.2660

 87.6884, 89.2276,
94.2663

Harmonies

Analogous

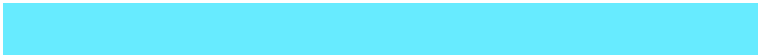
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.7818, 70.8486, 66.4399



52.0400, 70.8486, 92.5937



56.1553, 70.8486, 119.5553

Triad

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



52.0400, 70.8486, 92.5937



80.8621, 70.8486, 116.3662



71.3406, 70.8486, 38.0902

Complementary

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



52.0400, 70.8486, 92.5937



42.8974, 29.0326, 16.1772

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.



79.9180, 70.8486, 46.1736



52.0400, 70.8486, 92.5937



85.7375, 70.8486, 88.9359

Square

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



52.0400, 70.8486, 92.5937



72.5382, 70.8486, 135.2474



85.3772, 70.8486, 63.5128



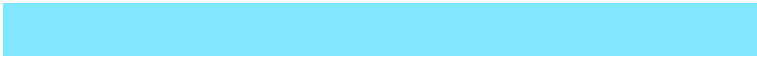
62.3952, 70.8486, 38.6423

Rectangle

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



52.0400, 70.8486, 92.5937



60.7602, 70.8486, 132.6340



85.3772, 70.8486, 63.5128



74.3774, 70.8486, 39.7947

Sweetspot

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



52.0421, 70.8513, 92.5954



80.8605, 92.6850, 108.2353



39.1740, 65.7345, 23.4570



16.9970, 19.6784, 23.1523



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.



52.0421, 70.8513, 92.5954



57.2545, 80.5158, 107.1288



36.1706, 39.1077, 87.3065



16.2474, 17.9290, 20.3259



25.6670, 37.5588, 51.0230



2.1353, 3.1245, 4.2447

Inverse Universe

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



42.8974, 29.0326, 16.1772



45.7351, 27.8376, 10.8663



52.1858, 47.6095, 19.2727



15.7729, 15.7589, 16.3602



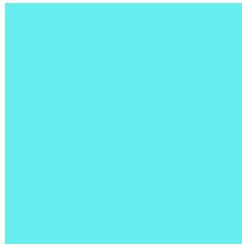
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 52.0400, 70.8486, 92.5937 looks on a white background.

Color Contrast Check

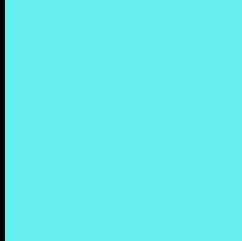
Large Text (above 18pt) WCAG AA × Fail

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 52.0400, 70.8486, 92.5937 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 52.0400, 70.8486, 92.5937

Background



This preview shows how black text looks on a background with the XYZ color 52.0400, 70.8486, 92.5937.

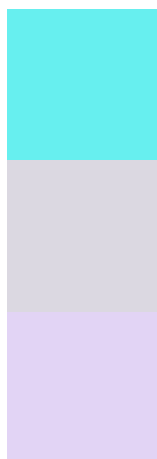


This preview shows how white text looks on a background with the XYZ color 52.0400, 70.8486,

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

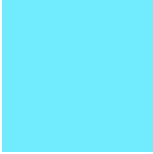
52.0400, 70.8486, 92.5937

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

71.3889, 69.8483, 96.1057



Tritanopia

54.8555, 70.7216, 105.3672

Trichromacy



Original Color

52.0400, 70.8486, 92.5937



Protanomaly

59.0700, 68.3716, 84.9466



Deuteranomaly

61.3550, 68.5374, 94.7893



Tritanomaly

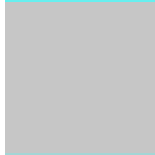
53.6897, 70.6591, 100.4314

Monochromacy



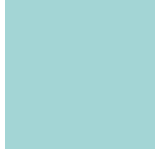
Original Color

52.0400, 70.8486, 92.5937



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.9087, 60.1791, 71.8833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0400, 70.8486, 92.5937 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(103, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(103, 239, 239)  
}
```

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(103, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.0400, 70.8486, 92.5937 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(103, 239, 239) }
```


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

```
.border{ border-color:rgb(103, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(103, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0400, 70.8486, 92.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 239, 239) }
```

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

```
.background{ background-color: rgb(103,  
239, 239) }
```

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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