

Converting Colors

XYZ(52.2780, 73.3370,
106.0079)

Have a look what the booklet for
XYZ(52.2780, 73.3370, 106.0079)
contains.

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Color

**XYZ(52.2780, 73.3370,
106.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	37F5FF
RGB	55, 245, 255
RGB Percent	22%, 96%, 100%
CMY	0.7842, 0.0392, 0.0000
CMYK	0.78, 0.04, 0.00, 0.00
HSL	183°, 100%, 61%
HSV	183°, 78%, 100%
XYZ	52.2780, 73.3370, 106.0079
YIQ	189.3300, -116.4500, -37.1700

Conversions

Conversions Part 2

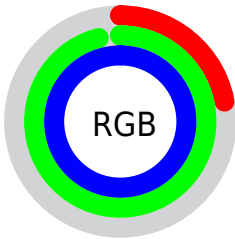
Format	Color
R_{YB}	55, 152, 255
Decimal	3667455
CIE _{Lab}	88.61, -41.23, -17.86
CIE _{LCh}	89, 44.935, 203.427
Yxy	73.3370, 0.2257, 0.3166
Android (android.graphics.Color)	4281857535 (0xFF37F5FF)
YUV	189.3300, 32.3753, -117.8074
Hunter-Lab	85.6370, -40.8976, -13.4477

Details

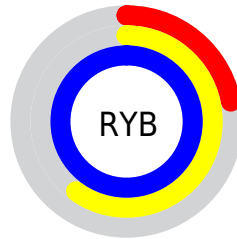
The XYZ color **52.2780, 73.3370, 106.0079** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.8212, 25.3184, 6.1941**, and the grayscale version is **48.4307, 50.9529, 55.4877**.

A 20% lighter version of the original color is **63.8017, 83.8909, 107.4376**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **50.8406, 72.0270, 105.8308**, and if you desaturate by 10%, it is **54.4426, 75.0290, 106.2204**.

Distribution



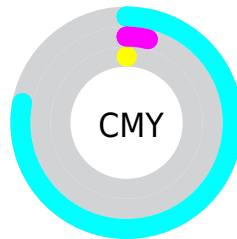
- Red (22%)
- Green (96%)
- Blue (100%)



- Red (22%)
- Yellow (60%)
- Blue (100%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2780, 73.3370, 106.0079 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 52.2780, 73.3370, 106.0079 by changing the saturation by 10% instead.


 52.2780, 73.3370,
106.0079

 52.2780, 73.3370,
106.0079


385.8153,
472.1820, 600.6980

 37.4519, 54.2516,
80.6826


 92.7129, 123.9555,
171.5128


 25.7328, 38.8028,
59.7508


 119.0524,
156.2574, 212.5296

 16.7555, 26.6064,
42.7938


 149.9604,
193.7335, 259.6139

 10.1545, 17.2778,
29.3932

 185.8022,
236.7683, 313.1843

 5.5646, 10.4328,
19.1303

226.9433,
285.7461, 373.6594

 2.6203, 5.6868,
11.5867

273.7489,

 0.9563, 2.6556,

341.0514, 441.4577

6.3438

326.5844,
403.0686, 516.9977

■ 0.0000, 0.9547,
2.9831

■ 0.0000, 0.0000,
1.0860

■ 52.2780, 73.3370,
106.0079

■ 52.2780, 73.3370,
106.0079

■ 50.8406, 72.0270,
105.8308

■ 54.4426, 75.0290,
106.2204

■ 49.9877, 71.0208,
105.6815

■ 57.4261, 77.1454,
106.4716

■ 49.8775, 70.8750,
105.6592

■ 61.3130, 79.7315,
106.7659

■ 66.1756, 82.8247,
107.1067

■ 72.0791, 86.4584,
107.4969

■ 79.0830, 90.6633,
107.9394

■ 87.2422, 95.4678,
108.4367

■ 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.



50.9839, 73.3370, 73.2122



52.2780, 73.3370, 106.0079



58.0100, 73.3370, 138.0127

Triad

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



52.2780, 73.3370, 106.0079



87.8160, 73.3370, 120.9546



72.1176, 73.3370, 34.0247

Complementary

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



52.2780, 73.3370, 106.0079



43.8212, 25.3184, 6.1941

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.



82.8740, 73.3370, 40.8710



52.2780, 73.3370, 106.0079



92.5245, 73.3370, 86.8806

Square

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



52.2780, 73.3370, 106.0079



78.3225, 73.3370, 148.0884



90.6283, 73.3370, 58.3959



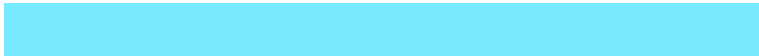
61.7433, 73.3370, 36.6532

Rectangle

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



52.2780, 73.3370, 106.0079



63.9276, 73.3370, 151.8023



90.6283, 73.3370, 58.3959



75.8196, 73.3370, 35.2203

Sweetspot

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



52.2800, 73.3396, 106.0083



75.0386, 88.2465, 107.6861



38.1974, 72.6771, 16.5271



15.5475, 18.5782, 23.0165



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.



52.2800, 73.3396, 106.0083



50.3079, 71.4360, 105.7448



30.2704, 29.3204, 98.6717



18.4725, 20.3166, 23.1978



26.0960, 37.1016, 55.2205



2.5638, 3.6584, 5.3843

Inverse Universe

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



59.0890, 30.5869, 89.1784



57.5955, 28.0823, 87.1930



54.7933, 47.2624, 9.8514



18.7511, 18.2838, 22.5726



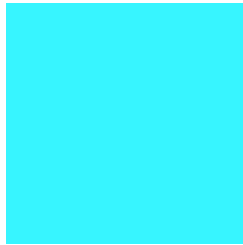
29.9603, 14.4734, 45.3027



2.9287, 1.4139, 4.4720

Previews

White Background



This preview shows how the XYZ color 52.2780, 73.3370, 106.0079 looks on a white background.

Color Contrast Check

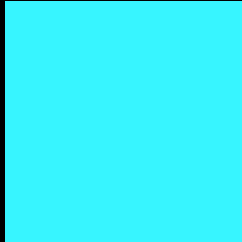
Large Text (above 18pt) WCAG AA × Fail

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 52.2780, 73.3370, 106.0079 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 52.2780, 73.3370, 106.0079

Background



This preview shows how black text looks on a background with the XYZ color 52.2780, 73.3370, 106.0079.

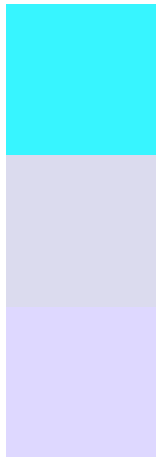


This preview shows how white text looks on a background with the XYZ color 52.2780, 73.3370,

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

52.2780, 73.3370, 106.0079

Protanopia

69.9776, 71.8962, 91.0781

Deuteranopia

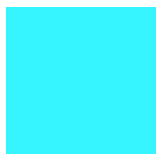
72.7301, 71.8613, 104.6451



Tritanopia

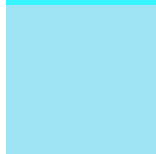
56.6622, 72.9461, 105.7013

Trichromacy



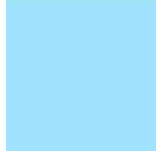
Original Color

52.2780, 73.3370, 106.0079



Protanomaly

58.3706, 69.3894, 95.9050



Deuteranomaly

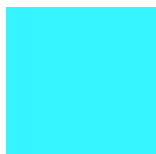
60.2170, 69.7352, 104.8942



Tritanomaly

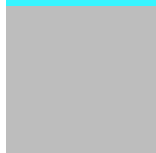
54.3292, 72.6174, 105.7609

Monochromacy



Original Color

52.2780, 73.3370, 106.0079



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.6259, 55.9805, 71.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2780, 73.3370, 106.0079 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(55, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(55, 245, 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(55, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.2780, 73.3370, 106.0079 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(55, 245, 255) }
```


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

```
.border{ border-color:rgb(55, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(55, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2780, 73.3370, 106.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 245, 255) }
```

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

```
.background{ background-color: rgb(55, 245,  
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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