

Converting Colors

XYZ(53.7281, 72.5701, 79.5362)

Have a look what the booklet for
XYZ(53.7281, 72.5701, 79.5362)
contains.

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Color

**XYZ(53.7270, 72.4462,
79.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	84F0DD
RGB	132, 240, 221
RGB Percent	52%, 94%, 87%
CMY	0.4823, 0.0588, 0.1333
CMYK	0.45, 0.00, 0.08, 0.06
HSL	169°, 78%, 73%
HSV	169°, 45%, 94%
XYZ	53.7270, 72.4462, 79.5584
YIQ	205.5420, -58.2690, -28.8050

Conversions

Conversions Part 2

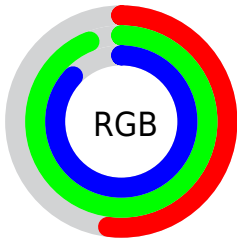
Format	Color
RYB	132, 191, 240
Decimal	8712413
CIELab	88.18, -35.65, -0.51
CIELCh	88, 35.651, 180.823
Yxy	72.4462, 0.2612, 0.3521
Android (android.graphics.Color)	4286902493 (0xFF84F0DD)
YUV	205.5420, 7.6208, -64.4963
Hunter-Lab	85.1153, -36.2780, 4.1616

Details

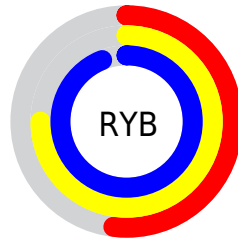
The XYZ color **53.7270, 72.4462, 79.5584** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.7749, 37.2642, 33.8503**, and the grayscale version is **58.3549, 61.3939, 66.8580**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **26.5641, 38.0366, 42.0181** is the 20% darker color. If you saturate the color by 10%, you get **49.8418, 70.5093, 76.4777**, and if you desaturate by 10%, it is **58.4938, 74.8395, 82.7574**.

Distribution



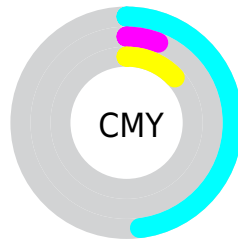
- Red (52%)
- Green (94%)
- Blue (87%)



- Red (52%)
- Yellow (75%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)





- Cyan (48%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7270, 72.4462, 79.5584 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 53.7270, 72.4462, 79.5584 by changing the saturation by 10% instead.


 53.7270, 72.4462,
79.5584


 53.7270, 72.4462,
79.5584

391.2835,
469.0932, 513.1108


 38.6132, 53.5233,
58.8310


 94.8325, 122.6907,
134.5505

 26.6384, 38.2206,
42.0580


 121.5550,
154.7810, 169.6522

 17.4370, 26.1540,
28.8208


 152.8778,
192.0293, 210.3825

 10.6438, 16.9389,
18.7009

189.1662,
234.8199, 257.1599

 5.8934, 10.1909,
11.2797

230.7856,
283.5371, 310.4028

 2.8204, 5.5257,
6.1388

278.1014,

 1.0595, 2.5589,

338.5655, 370.5300

2.8595

331.4789,
400.2894, 437.9598

■ 0.0000, 0.9061,
1.0233

■ 0.0000, 0.0000,
0.0000

■ 53.7270, 72.4462,
79.5584

■ 53.7270, 72.4462,
79.5584

■ 49.8418, 70.5093,
76.4777

■ 58.4938, 74.8395,
82.7574

■ 46.7717, 68.9892,
73.5069


■ 64.1903, 77.7087,
86.0728


■ 44.4512, 67.8539,
70.6440


■ 70.8686, 81.0824,
89.5091


■ 42.8013, 67.0627,
67.8847

■ 78.5750, 84.9844,
93.0689


 41.7252, 66.5657,
65.2240


 87.3529, 89.4370,
96.7548

 41.3285, 66.3895,
63.9268

 89.0879, 90.2573,
100.1876

 89.7449, 90.5201,
103.6470

 90.4166, 90.7888,
107.1845

 90.4513, 90.8026,
107.3671

Harmonies

Analogous

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



55.5085, 72.4462, 58.1284



53.7270, 72.4462, 79.5584



55.7128, 72.4462, 105.4781

Triad

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



53.7270, 72.4462, 79.5584



77.6076, 72.4462, 126.4807



77.1664, 72.4462, 44.5688

Complementary

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



53.7270, 72.4462, 79.5584



49.7749, 37.2642, 33.8503

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.



83.9234, 72.4462, 57.1800



53.7270, 72.4462, 79.5584



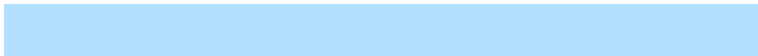
84.1925, 72.4462, 104.0657

Square

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



53.7270, 72.4462, 79.5584



69.0939, 72.4462, 135.7815



86.5923, 72.4462, 78.2086



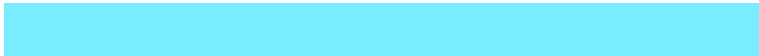
68.6226, 72.4462, 40.6219

Rectangle

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



53.7270, 72.4462, 79.5584



59.0088, 72.4462, 121.1806



86.5923, 72.4462, 78.2086



79.7463, 72.4462, 47.7865

Sweetspot

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



53.7291, 72.4491, 79.5601



82.9633, 93.8759, 103.5066



48.2387, 70.6452, 32.9247



17.3620, 19.8932, 21.9639



0.0000, 0.0000, 0.0000



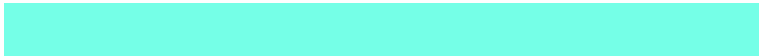
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7291, 72.4491, 79.5601



57.5281, 81.0794, 88.0503



47.2694, 55.2458, 90.6135



16.1210, 17.8784, 19.6602



22.6675, 36.3590, 35.2276



1.9167, 3.0371, 3.0937

Inverse Universe

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



49.7749, 37.2642, 33.8503



52.4834, 35.9915, 29.5867



53.7751, 47.5388, 28.1730



15.8863, 15.8042, 16.9576



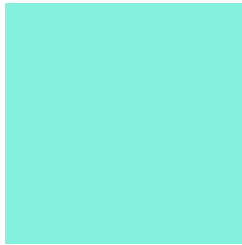
19.9363, 10.2470, 2.3154



1.6906, 0.8653, 0.3614

Previews

White Background



This preview shows how the XYZ color 53.7270, 72.4462, 79.5584 looks on a white background.

Color Contrast Check

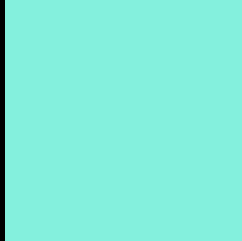
Large Text (above 18pt) WCAG AA × Fail

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 53.7270, 72.4462, 79.5584 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

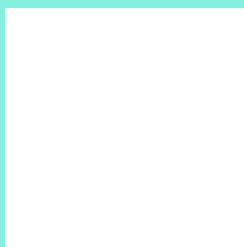
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7270, 72.4462, 79.5584

Background



This preview shows how black text looks on a background with the XYZ color 53.7270, 72.4462, 79.5584.



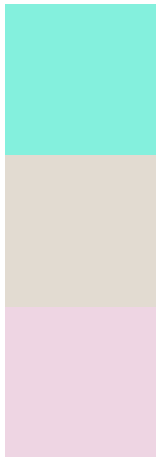
This preview shows how white text looks on a background with the XYZ color 53.7270, 72.4462,

79.5584.

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

53.7270, 72.4462, 79.5584

Protanopia

68.2042, 71.4352, 70.5152

Deuteranopia

72.9193, 71.3117, 82.5943



Tritanopia

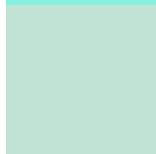
58.5822, 72.2351, 104.6211

Trichromacy



Original Color

53.7270, 72.4462, 79.5584



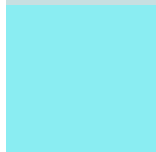
Protanomaly

61.2176, 70.9487, 73.4188



Deuteranomaly

63.5315, 70.3537, 81.4653



Tritanomaly

56.7924, 72.3825, 94.9823

Monochromacy



Original Color

53.7270, 72.4462, 79.5584



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.4197, 64.4297, 71.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7270, 72.4462, 79.5584 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(132, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(132, 240, 221)  
}
```

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(132, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 240, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.7270, 72.4462, 79.5584 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(132, 240, 221) }
```


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

```
.border{ border-color:rgb(132, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(132, 240,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7270, 72.4462, 79.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 240, 221) }
```

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

```
.background{ background-color: rgb(132,  
240, 221) }
```

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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