

Converting Colors

XYZ(53.7419, 79.4713, 72.3399)

Have a look what the booklet for
XYZ(53.7419, 79.4713, 72.3399)
contains.

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Color

**XYZ(53.7007, 79.4536,
72.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	6FFFD0
RGB	111, 255, 208
RGB Percent	44%, 100%, 82%
CMY	0.5647, 0.0000, 0.1843
CMYK	0.56, 0.00, 0.18, 0.00
HSL	160°, 100%, 72%
HSV	160°, 56%, 100%
XYZ	53.7007, 79.4536, 72.1803
YIQ	206.5860, -70.7370, -45.1450

Conversions

Conversions Part 2

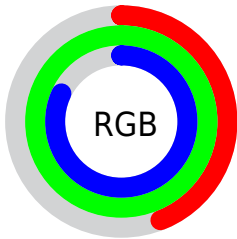
Format	Color
RYB	111, 197, 255
Decimal	7339984
CIELab	91.44, -49.75, 10.85
CIELCh	91, 50.920, 167.695
Yxy	79.4536, 0.2615, 0.3869
Android (android.graphics.Color)	4285530064 (0xFF6FFFD0)
YUV	206.5860, 0.6971, -83.8289
Hunter-Lab	89.1367, -48.4515, 14.3844

Details

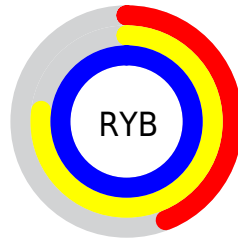
The XYZ color **53.7007, 79.4536, 72.1803** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **53.0966, 35.0984, 36.3248**, and the grayscale version is **59.0704, 62.1466, 67.6777**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **26.5619, 42.6589, 37.4059** is the 20% darker color. If you saturate the color by 10%, you get **49.9401, 77.6301, 66.7993**, and if you desaturate by 10%, it is **58.4321, 81.7712, 77.8899**.

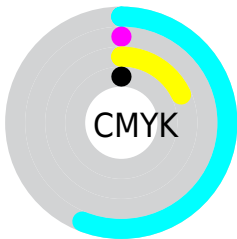
Distribution



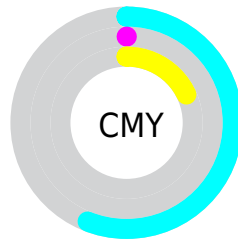
- Red (44%)
- Green (100%)
- Blue (82%)



- Red (44%)
- Yellow (77%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (56%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7007, 79.4536, 72.1803 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 53.7007, 79.4536, 72.1803 by changing the saturation by 10% instead.


 53.7007, 79.4536,
72.1803


 53.7007, 79.4536,
72.1803


391.1847,
493.0895, 487.1633


 38.5921, 59.2688,
52.8182


 94.7941, 132.5972,
124.0229

 26.6219, 42.8296,
37.2710


 121.5097,
166.3249, 157.3406

 17.4246, 29.7514,
25.1199


 152.8250,
205.3357, 196.1472

 10.6348, 19.6500,
15.9466

189.1054,
250.0139, 240.8613

 5.8873, 12.1409,
9.3324

230.7161,
300.7440, 291.9014

 2.8167, 6.8397,
4.8589

278.0227,

 1.0576, 3.3620,

357.9104, 349.6861

2.1074

331.3904,
421.8974, 414.6339

0.0000, 1.3235,
0.6202

0.0000, 0.1593,
0.0000

53.7007, 79.4536,
72.1803

53.7007, 79.4536,
72.1803

49.9401, 77.6301,
66.7993

58.4321, 81.7712,
77.8899

47.0670, 76.2581,
61.7348

64.2037, 84.6188,
83.9316

44.9872, 75.2890,
56.9794

71.0808, 88.0300,
90.3138

43.5822, 74.6619,
52.5230

79.1228, 92.0352,
97.0433

■ 43.1845, 74.4898,
51.0171

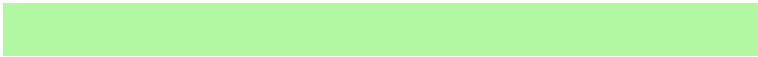
■ 88.3845, 96.6626,
104.1265

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.



58.5525, 79.4536, 46.8287



53.7007, 79.4536, 72.1803



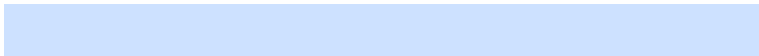
54.1852, 79.4536, 110.0582

Triad

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



53.7007, 79.4536, 72.1803



83.3457, 79.4536, 173.8325



93.5568, 79.4536, 43.7481

Complementary

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



53.7007, 79.4536, 72.1803



53.0966, 35.0984, 36.3248

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.



101.8235, 79.4536, 66.5883



53.7007, 79.4536, 72.1803



95.4804, 79.4536, 143.9635

Square

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



53.7007, 79.4536, 72.1803



70.3327, 79.4536, 176.6120



102.5652, 79.4536, 102.6241



80.9526, 79.4536, 33.8522

Rectangle

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



53.7007, 79.4536, 72.1803



57.4721, 79.4536, 137.8776



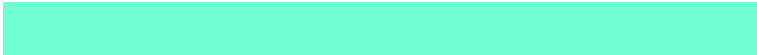
102.5652, 79.4536, 102.6241



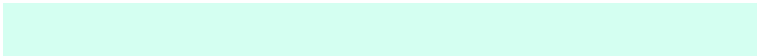
96.9945, 79.4536, 49.8098

Sweetspot

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



53.7015, 79.4539, 72.1817



78.6656, 91.8071, 96.6771



52.9281, 80.0390, 27.6996



16.4740, 19.4692, 20.3983



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.



53.7015, 79.4539, 72.1817



49.4448, 77.3919, 66.0035



53.1822, 67.7520, 104.8822



18.2879, 20.3747, 21.8191



22.6365, 38.9512, 27.0347



2.2543, 3.8127, 2.8971

Inverse Universe

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



53.0966, 35.0984, 36.3248



48.8288, 29.0751, 27.1573



52.7739, 39.7367, 19.9285



18.2538, 18.0848, 19.9535



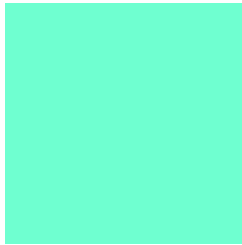
22.4299, 11.4612, 5.6483



2.2317, 1.1351, 0.8016

Previews

White Background



This preview shows how the XYZ color 53.7007, 79.4536, 72.1803 looks on a white background.

Color Contrast Check

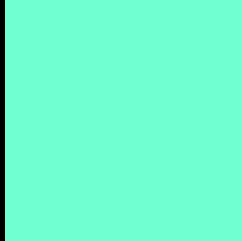
Large Text (above 18pt) WCAG AA × Fail

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 53.7007, 79.4536, 72.1803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

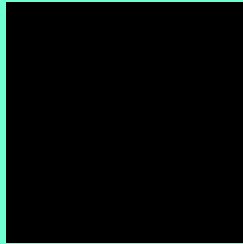
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7007, 79.4536, 72.1803

Background



This preview shows how black text looks on a background with the XYZ color 53.7007, 79.4536, 72.1803.

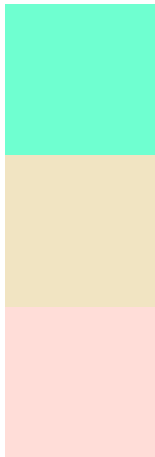


This preview shows how white text looks on a background with the XYZ color 53.7007, 79.4536,

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

53.7007, 79.4536, 72.1803

Protanopia

73.7566, 78.0826, 62.2230

Deuteranopia

79.4911, 77.9308, 75.8183



Tritanopia

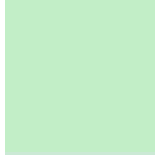
66.2999, 78.7885, 106.3211

Trichromacy



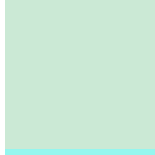
Original Color

53.7007, 79.4536, 72.1803



Protanomaly

63.1315, 76.7419, 65.5181



Deuteranomaly

65.7778, 75.7784, 74.1106



Tritanomaly

60.7828, 78.4741, 92.8324

Monochromacy



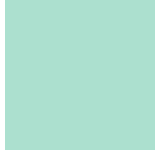
Original Color

53.7007, 79.4536, 72.1803



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

54.9314, 66.5870, 68.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7007, 79.4536, 72.1803 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(111, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(111, 255, 208)  
}
```

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(111, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.7007, 79.4536, 72.1803 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(111, 255, 208) }
```


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

```
.border{ border-color:rgb(111, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(111, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7007, 79.4536, 72.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 255, 208) }
```

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

```
.background{ background-color: rgb(111,  
255, 208) }
```

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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