

Converting Colors

XYZ(53.6700, 67.7283, 73.0147)

Have a look what the booklet for
XYZ(53.6700, 67.7283, 73.0147)
contains.

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Color

**XYZ(53.7399, 67.9106,
73.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE5D5
RGB	156, 229, 213
RGB Percent	61%, 90%, 84%
CMY	0.3882, 0.1019, 0.1647
CMYK	0.32, 0.00, 0.07, 0.10
HSL	167°, 58%, 75%
HSV	167°, 32%, 90%
XYZ	53.7399, 67.9106, 73.2265
YIQ	205.3490, -38.3720, -20.4520

Conversions

Conversions Part 2

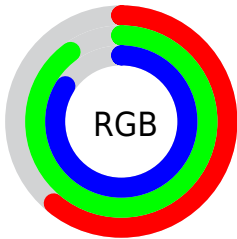
Format	Color
RYB	156, 197, 229
Decimal	10282453
CIELab	85.96, -26.04, 0.57
CIELCh	86, 26.047, 178.747
Yxy	67.9106, 0.2758, 0.3485
Android (android.graphics.Color)	4288472533 (0xFF9CE5D5)
YUV	205.3490, 3.7719, -43.2791
Hunter-Lab	82.4079, -27.8102, 5.0013

Details

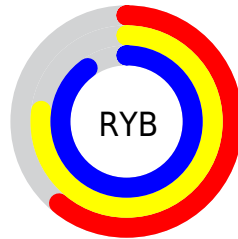
The XYZ color **53.7399, 67.9106, 73.2265** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.6503, 43.4154, 44.6903**, and the grayscale version is **58.2463, 61.2797, 66.7335**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.5946, 35.1805, 37.7366** is the 20% darker color. If you saturate the color by 10%, you get **49.0925, 65.5890, 69.7353**, and if you desaturate by 10%, it is **59.2463, 70.6762, 76.8638**.

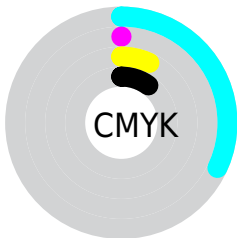
Distribution



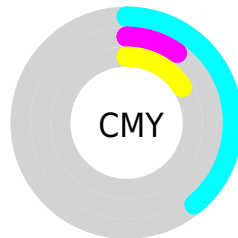
- Red (61%)
- Green (90%)
- Blue (84%)



- Red (61%)
- Yellow (77%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)





- Cyan (39%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7399, 67.9106, 73.2265 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 53.7399, 67.9106, 73.2265 by changing the saturation by 10% instead.


 53.7399, 67.9106,
73.2265


 53.7399, 67.9106,
73.2265

391.3319,
453.1792, 490.8913

 38.6236, 49.8250,
53.6682


 94.8514, 116.2242,
125.5226

 26.6464, 35.2744,
37.9451


 121.5773,
147.2211, 159.0975

 17.4431, 23.8743,
25.6386


152.9037,
183.2905, 198.1817

 10.6482, 15.2404,
16.3301

189.1961,
224.8168, 243.1938

 5.8963, 8.9883,
9.6012

230.8197,
272.1844, 294.5522

 2.8222, 4.7335,
5.0332

278.1400,

 1.0604, 2.0918,

325.7777, 352.6756

2.2077

331.5223,
385.9812, 417.9824

■ 0.0000, 0.6600,
0.6788

■ 0.0000, 0.0000,
0.0000

■ 53.7399, 67.9106,
73.2265

■ 53.7399, 67.9106,
73.2265

■ 49.0925, 65.5890,
69.7353

■ 59.2463, 70.6762,
76.8638

■ 45.2510, 63.6789,
66.3823


■ 65.6495, 73.9001,
80.6455


■ 42.1655, 62.1563,
63.1659


■ 72.9919, 77.6059,
84.5760


■ 39.7780, 60.9912,
60.0824


■ 81.3115, 81.8131,
88.6578


 38.0216, 60.1493,
57.1276


 84.7080, 83.4800,
92.6158


 36.8163, 59.5894,
54.2969

 85.4565, 83.7793,
96.5572

 36.1374, 59.2877,
52.0833

 86.2257, 84.0870,
100.6079

 87.0158, 84.4031,
104.7686

 87.3105, 84.5209,
106.3202

Harmonies

Analogous

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



55.2248, 67.9106, 58.1681



53.7399, 67.9106, 73.2265



54.9989, 67.9106, 90.9032

Triad

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



53.7399, 67.9106, 73.2265



70.2251, 67.9106, 106.6649



70.6861, 67.9106, 49.2543

Complementary

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



53.7399, 67.9106, 73.2265



51.6503, 43.4154, 44.6903

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.



75.1407, 67.9106, 59.2357



53.7399, 67.9106, 73.2265



74.8633, 67.9106, 92.3397

Square

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



53.7399, 67.9106, 73.2265



64.2963, 67.9106, 111.9100



76.7137, 67.9106, 74.6644



64.7983, 67.9106, 45.7110

Rectangle

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



53.7399, 67.9106, 73.2265



57.2715, 67.9106, 101.5072



76.7137, 67.9106, 74.6644



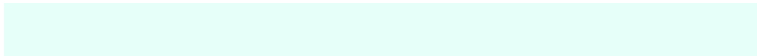
72.4139, 67.9106, 51.8838

Sweetspot

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



53.7418, 67.9134, 73.2280



85.3958, 95.1256, 103.8186



51.2632, 67.3298, 41.7480



18.0090, 20.2250, 22.0719



0.0000, 0.0000, 0.0000



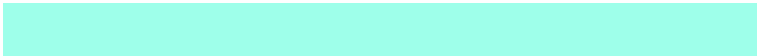
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7418, 67.9134, 73.2280



64.6969, 84.7259, 90.6041



50.7868, 58.5906, 82.7642



14.6651, 16.2795, 17.7671



20.7075, 33.9151, 30.0235



1.5638, 2.5196, 2.3954

Inverse Universe

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



51.6503, 43.4154, 44.6903



61.6552, 49.0164, 49.0405



53.7371, 49.9024, 38.2537



14.5057, 14.4195, 15.5973



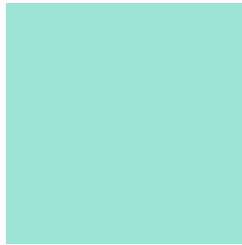
18.8434, 9.6716, 2.8043



1.4267, 0.7284, 0.3875

Previews

White Background



This preview shows how the XYZ color 53.7399, 67.9106, 73.2265 looks on a white background.

Color Contrast Check

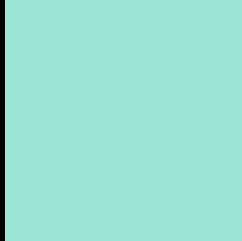
Large Text (above 18pt) WCAG AA × Fail

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 53.7399, 67.9106, 73.2265 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

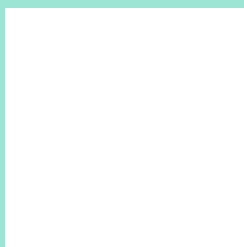
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7399, 67.9106, 73.2265

Background



This preview shows how black text looks on a background with the XYZ color 53.7399, 67.9106, 73.2265.

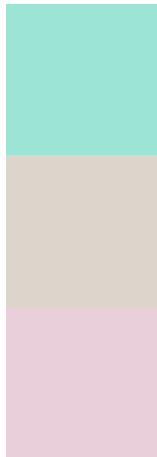


This preview shows how white text looks on a background with the XYZ color 53.7399, 67.9106,

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

53.7399, 67.9106, 73.2265

Protanopia

64.2085, 67.1638, 66.7065

Deuteranopia

68.5720, 67.0112, 75.6500



Tritanopia

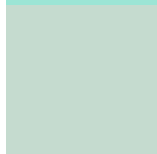
58.2071, 68.1080, 94.8723

Trichromacy



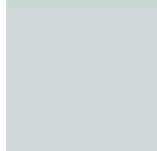
Original Color

53.7399, 67.9106, 73.2265



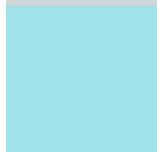
Protanomaly

59.6200, 67.0383, 68.8289



Deuteranomaly

61.8719, 66.5379, 74.5478



Tritanomaly

56.2590, 67.6925, 86.4447

Monochromacy



Original Color

53.7399, 67.9106, 73.2265



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.9253, 63.2120, 68.9281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7399, 67.9106, 73.2265 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(156, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(156, 229, 213)  
}
```

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(156, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 229, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.7399, 67.9106, 73.2265 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(156, 229, 213) }
```


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

```
.border{ border-color:rgb(156, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(156, 229,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7399, 67.9106, 73.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 229, 213) }
```

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

```
.background{ background-color: rgb(156,  
229, 213) }
```

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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