

Converting Colors

XYZ(53.1115, 79.0007, 78.8918)

Have a look what the booklet for
XYZ(53.1115, 79.0007, 78.8918)
contains.

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Color

**XYZ(53.1342, 79.0149,
78.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFFDA
RGB	95, 255, 218
RGB Percent	37%, 100%, 85%
CMY	0.6274, 0.0000, 0.1451
CMYK	0.63, 0.00, 0.15, 0.00
HSL	166°, 100%, 69%
HSV	166°, 63%, 100%
XYZ	53.1342, 79.0149, 78.7806
YIQ	202.9420, -83.4830, -45.4270

Conversions

Conversions Part 2

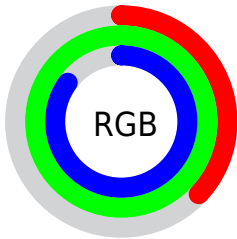
Format	Color
RYB	95, 185, 255
Decimal	6291418
CIELab	91.24, -50.36, 5.35
CIELCh	91, 50.639, 173.936
Yxy	79.0149, 0.2519, 0.3746
Android (android.graphics.Color)	4284481498 (0xFF5FFFDA)
YUV	202.9420, 7.4236, -94.6651
Hunter-Lab	88.8903, -48.8597, 9.6764

Details

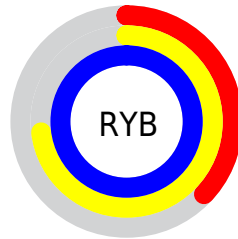
The XYZ color **53.1342, 79.0149, 78.7806** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **49.4978, 31.1115, 25.2274**, and the grayscale version is **56.7213, 59.6752, 64.9863**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **26.5771, 42.5768, 41.4677** is the 20% darker color. If you saturate the color by 10%, you get **50.1472, 77.5626, 74.6850**, and if you desaturate by 10%, it is **57.0169, 80.9257, 83.0641**.

Distribution



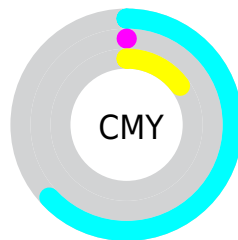
- Red (37%)
- Green (100%)
- Blue (85%)



- Red (37%)
- Yellow (73%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1342, 79.0149, 78.7806 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 53.1342, 79.0149, 78.7806 by changing the saturation by 10% instead.

 53.1342, 79.0149,
78.7806


 53.1342, 79.0149,
78.7806


389.0522,
491.6067, 510.4118


 38.1378, 58.9081,
58.1952


 93.9662, 131.9798,
133.4458

 26.2674, 42.5391,
41.5498


 120.5325,
165.6067, 168.3627

 17.1575, 29.5237,
28.4260

 151.6861,
204.5091, 208.8938

 10.4428, 19.4773,
18.4052

187.7925,
249.0713, 255.4577

 5.7581, 12.0157,
11.0689

229.2170,
299.6778, 308.4729

 2.7378, 6.7544,
5.9984

276.3248,

 1.0167, 3.3090,

356.7129, 368.3579

2.7753

329.4815,
420.5611, 435.5314

■ 0.0000, 1.2951,
0.9811

■ 0.0000, 0.1374,
0.0000

■ 53.1342, 79.0149,
78.7806

■ 53.1342, 79.0149,
78.7806

■ 50.1472, 77.5626,
74.6850

■ 57.0169, 80.9257,
83.0641

■ 47.9649, 76.5220,
70.7676

■ 61.8693, 83.3332,
87.5365

■ 46.4808, 75.8382,
67.0232

■ 67.7606, 86.2731,
92.2037

■ 45.7275, 75.5070,
64.4081

■ 74.7528, 89.7772,
97.0700

■ 82.9029, 93.8750,
102.1395

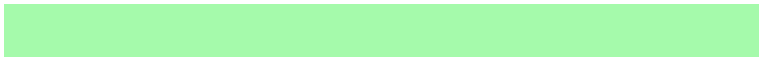
■ 92.2641, 98.5938,
107.4161

■ 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.



56.8642, 79.0149, 50.7698



53.1342, 79.0149, 78.7806



54.7256, 79.0149, 118.0174

Triad

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



53.1342, 79.0149, 78.7806



85.5668, 79.0149, 168.1634



90.5883, 79.0149, 40.6100

Complementary

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



53.1342, 79.0149, 78.7806



49.4978, 31.1115, 25.2274

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.



99.9946, 79.0149, 60.4235



53.1342, 79.0149, 78.7806



96.8721, 79.0149, 134.7157

Square

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



53.1342, 79.0149, 78.7806



72.5240, 79.0149, 177.2060



102.4158, 79.0149, 93.7191



77.7389, 79.0149, 33.1478

Rectangle

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



53.1342, 79.0149, 78.7806



58.6928, 79.0149, 144.9908



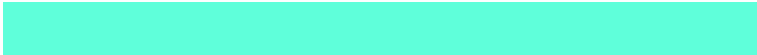
102.4158, 79.0149, 93.7191



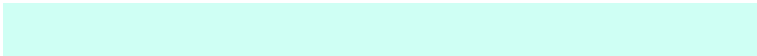
94.3140, 79.0149, 45.7171

Sweetspot

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



53.1351, 79.0153, 78.7820



77.6648, 91.2399, 98.9435



47.3944, 77.2791, 23.2463



16.1440, 19.2882, 20.8710



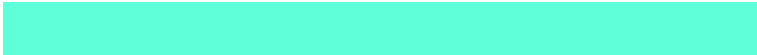
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.1351, 79.0153, 78.7820



49.5877, 77.2935, 73.7853



46.3972, 56.9078, 103.1466



18.3646, 20.4054, 22.2229



23.9537, 39.4781, 33.9713



2.3739, 3.8605, 3.5267

Inverse Universe

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



49.4978, 31.1115, 25.2274



45.7648, 25.9809, 16.7833



52.3471, 40.1690, 15.8222



18.1814, 18.0559, 19.5726



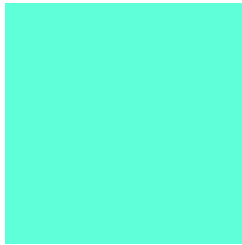
22.0077, 11.2924, 3.4249



2.1825, 1.1154, 0.5426

Previews

White Background



This preview shows how the XYZ color 53.1342, 79.0149, 78.7806 looks on a white background.

Color Contrast Check

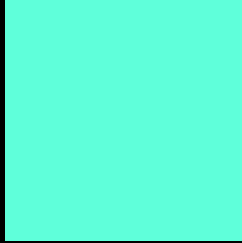
Large Text (above 18pt) WCAG AA × Fail

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 53.1342, 79.0149, 78.7806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

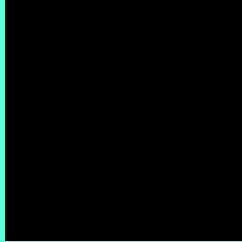
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

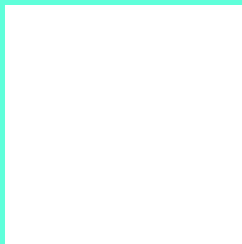
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1342, 79.0149, 78.7806

Background



This preview shows how black text looks on a background with the XYZ color 53.1342, 79.0149, 78.7806.

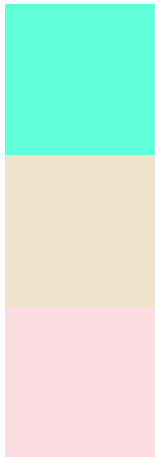


This preview shows how white text looks on a background with the XYZ color 53.1342, 79.0149,

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

53.1342, 79.0149, 78.7806

Protanopia

73.5085, 77.4271, 67.5705

Deuteranopia

79.2307, 77.6584, 82.0478



Tritanopia

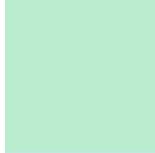
65.0223, 78.1299, 106.2613

Trichromacy



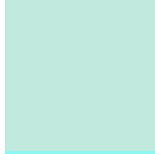
Original Color

53.1342, 79.0149, 78.7806



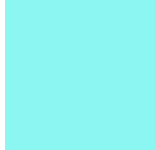
Protanomaly

61.9191, 75.5615, 70.9959



Deuteranomaly

64.5719, 75.0211, 80.1845



Tritanomaly

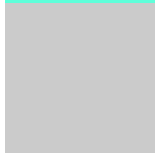
59.7980, 77.8978, 95.8885

Monochromacy



Original Color

53.1342, 79.0149, 78.7806



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

52.8163, 64.6891, 69.3770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1342, 79.0149, 78.7806 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(95, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(95, 255, 218)  
}
```

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(95, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 53.1342, 79.0149, 78.7806 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(95, 255, 218) }
```


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

```
.border{ border-color:rgb(95, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(95, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1342, 79.0149, 78.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 255, 218) }
```

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

```
.background{ background-color: rgb(95, 255,  
218) }
```

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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