

Converting Colors

XYZ(53.7314, 79.3415, 77.9578)

Have a look what the booklet for
XYZ(53.7314, 79.3415, 77.9578)
contains.

XYZ(53.7639, 79.3545, 78.1289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7639, 79.3545,
78.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFD9
RGB	102, 255, 217
RGB Percent	40%, 100%, 85%
CMY	0.6000, 0.0000, 0.1490
CMYK	0.60, 0.00, 0.15, 0.00
HSL	165°, 100%, 70%
HSV	165°, 60%, 100%
XYZ	53.7639, 79.3545, 78.1289
YIQ	204.9210, -78.9900, -44.2540

Conversions

Conversions Part 2

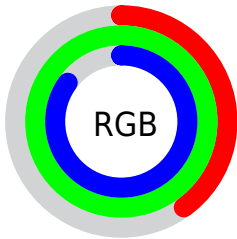
Format	Color
RYB	102, 189, 255
Decimal	6750169
CIELab	91.39, -49.40, 6.11
CIELCh	91, 49.772, 172.948
Yxy	79.3545, 0.2545, 0.3756
Android (android.graphics.Color)	4284940249 (0xFF66FFD9)
YUV	204.9210, 5.9549, -90.2617
Hunter-Lab	89.0811, -48.1604, 10.3563

Details

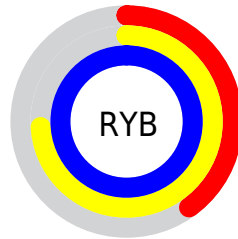
The XYZ color **53.7639, 79.3545, 78.1289** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **50.7259, 32.6575, 28.4425**, and the grayscale version is **57.9780, 60.9974, 66.4262**.

A 20% lighter version of the original color is **69.3270, 86.7393, 107.6962**, and **26.5504, 42.5734, 41.0006** is the 20% darker color. If you saturate the color by 10%, you get **50.4972, 77.7639, 73.7589**, and if you desaturate by 10%, it is **57.9525, 81.4168, 82.7098**.

Distribution



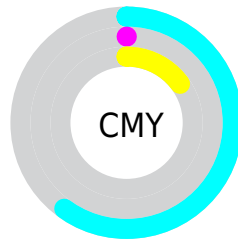
- Red (40%)
- Green (100%)
- Blue (85%)



- Red (40%)
- Yellow (74%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7639, 79.3545, 78.1289 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 53.7639, 79.3545, 78.1289 by changing the saturation by 10% instead.


 53.7639, 79.3545,
78.1289


 53.7639, 79.3545,
78.1289


391.4221,
492.7548, 508.1440


 38.6429, 59.1873,
57.6628


 94.8864, 132.4578,
132.5193

 26.6615, 42.7639,
41.1247


 121.6186,
166.1627, 167.2808

 17.4544, 29.6999,
28.0961


 152.9519,
205.1490, 207.6443

 10.6563, 19.6109,
18.1584

189.2516,
249.8011, 254.0287

 5.9018, 12.1126,
10.8932

230.8831,
300.5033, 306.8522

 2.8256, 6.8204,
5.8818

278.2118,

 1.0622, 3.3500,

357.6400, 366.5336

2.7057

331.6030,
421.5957, 433.4914

0.0000, 1.3171,
0.9463

0.0000, 0.1544,
0.0000

53.7639, 79.3545,
78.1289

53.7639, 79.3545,
78.1289

50.4972, 77.7639,
73.7589

57.9525, 81.4168,
82.7098

48.0649, 76.5997,
69.5898

63.1344, 83.9875,
87.5027

46.3668, 75.8105,
65.6165

69.3770, 87.1012,
92.5138

45.2378, 75.3111,
61.8293

76.7409, 90.7892,
97.7478

■ 45.2376, 75.3110,
61.8284

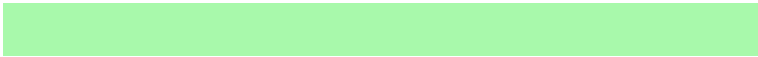
■ 85.2820, 95.0802,
103.2089

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.



57.6258, 79.3545, 50.8535



53.7639, 79.3545, 78.1289



55.1655, 79.3545, 116.5172

Triad

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



53.7639, 79.3545, 78.1289



85.3132, 79.3545, 167.7580



91.0534, 79.3545, 41.8718

Complementary

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



53.7639, 79.3545, 78.1289



50.7259, 32.6575, 28.4425

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.



100.1190, 79.3545, 61.9845



53.7639, 79.3545, 78.1289



96.5547, 79.3545, 135.5528

Square

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



53.7639, 79.3545, 78.1289



72.4766, 79.3545, 175.6403



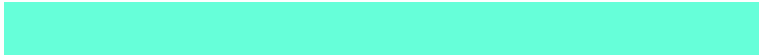
102.2372, 79.3545, 95.2428



78.4504, 79.3545, 34.0607

Rectangle

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



53.7639, 79.3545, 78.1289



58.9808, 79.3545, 143.1021



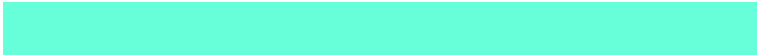
102.2372, 79.3545, 95.2428



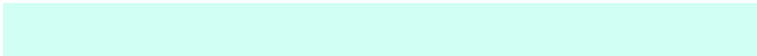
94.6705, 79.3545, 47.0940

Sweetspot

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



53.7648, 79.3550, 78.1303



78.3513, 91.5973, 98.8205



49.0167, 78.0770, 25.0589



16.2716, 19.3553, 20.8179



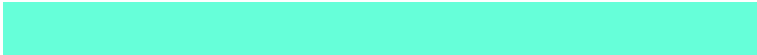
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.7648, 79.3550, 78.1303



49.9463, 77.4981, 72.9081



48.2790, 59.5428, 103.5561



18.3507, 20.3998, 22.1499



23.7004, 39.3767, 32.6370



2.3511, 3.8514, 3.4068

Inverse Universe

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



50.7259, 32.6575, 28.4425



46.7296, 27.1019, 19.5977



53.0539, 41.0501, 17.6991



18.1944, 18.0611, 19.6408



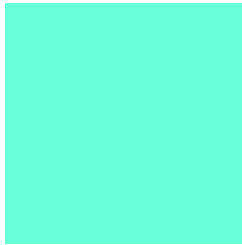
22.0720, 11.3181, 3.7637



2.1904, 1.1185, 0.5842

Previews

White Background



This preview shows how the XYZ color 53.7639, 79.3545, 78.1289 looks on a white background.

Color Contrast Check

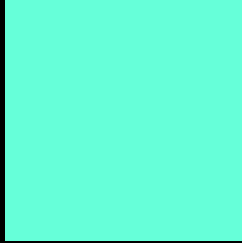
Large Text (above 18pt) WCAG AA × Fail

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 53.7639, 79.3545, 78.1289 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 53.7639, 79.3545, 78.1289

Background



This preview shows how black text looks on a background with the XYZ color 53.7639, 79.3545, 78.1289.

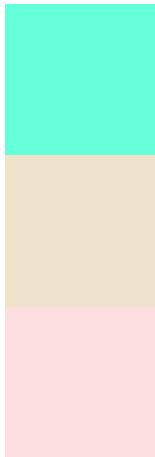


This preview shows how white text looks on a background with the XYZ color 53.7639, 79.3545,

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

53.7639, 79.3545, 78.1289

Protanopia

74.1195, 78.1493, 67.6777

Deuteranopia

79.4559, 77.7902, 81.3482



Tritanopia

65.6537, 78.4554, 106.2908

Trichromacy



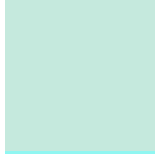
Original Color

53.7639, 79.3545, 78.1289



Protanomaly

62.9460, 76.5220, 71.1271



Deuteranomaly

65.2160, 75.3686, 79.5170



Tritanomaly

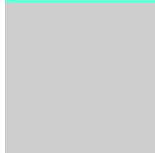
60.3346, 78.1917, 95.1316

Monochromacy



Original Color

53.7639, 79.3545, 78.1289



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.0447, 65.7036, 70.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7639, 79.3545, 78.1289 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(102, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 217)  
}
```

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(102, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.7639, 79.3545, 78.1289 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(102, 255, 217) }
```


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

```
.border{ border-color:rgb(102, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7639, 79.3545, 78.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 217) }
```

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

```
.background{ background-color: rgb(102,  
255, 217) }
```

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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