

Converting Colors

XYZ(53.0221, 79.4010, 58.7184)

Have a look what the booklet for
XYZ(53.0221, 79.4010, 58.7184)
contains.

XYZ(53.0804, 79.4251, 58.9873)	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(53.0804, 79.4251,
58.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFFBA
RGB	125, 255, 186
RGB Percent	49%, 100%, 73%
CMY	0.5098, 0.0000, 0.2706
CMYK	0.51, 0.00, 0.27, 0.00
HSL	148°, 100%, 75%
HSV	148°, 51%, 100%
XYZ	53.0804, 79.4251, 58.9873
YIQ	208.2640, -55.3310, -49.0190

Conversions

Conversions Part 2

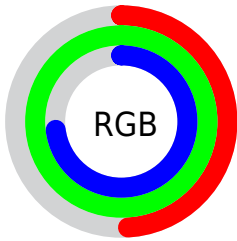
Format	Color
RYB	125, 213, 255
Decimal	8257466
CIELab	91.43, -51.29, 22.18
CIELCh	91, 55.882, 156.618
Yxy	79.4251, 0.2772, 0.4148
Android (android.graphics.Color)	4286447546 (0xFF7DFFBA)
YUV	208.2640, -10.9762, -73.0225
Hunter-Lab	89.1208, -49.6466, 23.1416

Details

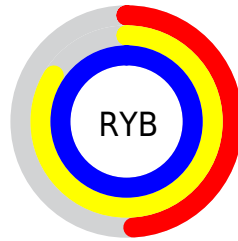
The XYZ color **53.0804, 79.4251, 58.9873** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **58.3117, 39.8231, 55.6527**, and the grayscale version is **60.2203, 63.3565, 68.9952**.

A 20% lighter version of the original color is **71.5542, 88.1212, 97.2422**, and **26.1865, 42.6501, 29.0424** is the 20% darker color. If you saturate the color by 10%, you get **48.4522, 77.1976, 51.6126**, and if you desaturate by 10%, it is **58.8017, 82.2004, 67.1273**.

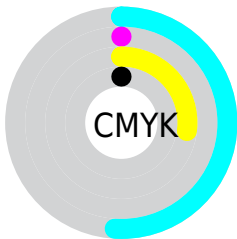
Distribution



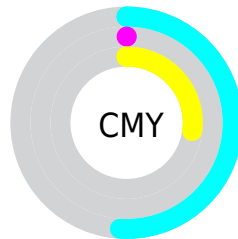
- Red (49%)
- Green (100%)
- Blue (73%)



- Red (49%)
- Yellow (84%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0804, 79.4251, 58.9873 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 53.0804, 79.4251, 58.9873 by changing the saturation by 10% instead.

 53.0804, 79.4251,
58.9873


 53.0804, 79.4251,
58.9873


388.8493,
492.9933, 438.5554


 38.0947, 59.2454,
42.1830

 93.8875, 132.5571,
104.8881

 26.2337, 42.8107,
28.9179


 120.4396,
166.2783, 134.8217

 17.1322, 29.7366,
18.7737

 151.5779,
205.2820, 169.9688

 10.4247, 19.6387,
11.3317

187.6677,
249.9527, 210.7479

 5.7458, 12.1327,
6.1734

229.0744,
300.6748, 257.5776

 2.7303, 6.8341,
2.8803

276.1633,

 1.0128, 3.3586,

357.8326, 310.8764

1.0339

329.2998,
421.8107, 371.0628

0.0000, 1.3217,
0.0000

0.0000, 0.1579,
0.0000

53.0804, 79.4251,
58.9873

53.0804, 79.4251,
58.9873

48.4522, 77.1976,
51.6126

58.8017, 82.2004,
67.1273

44.8365, 75.4769,
44.9759

65.6845, 85.5582,
76.0507

42.1444, 74.2173,
39.0537

73.7937, 89.5317,
85.7801

40.2690, 73.3644,
33.8195

83.1886, 94.1510,
96.3358

■ 39.1293, 72.8677,
29.6623

93.9247, 99.4445,
107.7375

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.



60.3338, 79.4251, 37.6401



53.0804, 79.4251, 58.9873



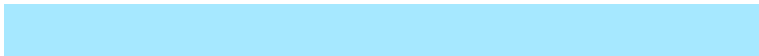
51.4663, 79.4251, 95.8193

Triad

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



53.0804, 79.4251, 58.9873



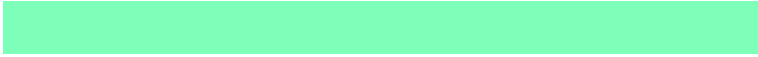
78.6852, 79.4251, 189.8651



99.6218, 79.4251, 47.6890

Complementary

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



53.0804, 79.4251, 58.9873



58.3117, 39.8231, 55.6527

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.



106.0253, 79.4251, 77.7690



53.0804, 79.4251, 58.9873



92.9956, 79.4251, 165.7486

Square

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



53.0804, 79.4251, 58.9873



65.1557, 79.4251, 180.0618



103.4599, 79.4251, 121.4125



86.8657, 79.4251, 32.6930

Rectangle

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



53.0804, 79.4251, 58.9873



53.5979, 79.4251, 126.5058



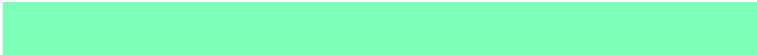
103.4599, 79.4251, 121.4125



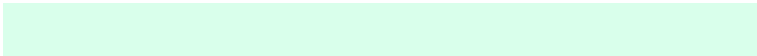
102.6571, 79.4251, 55.9368

Sweetspot

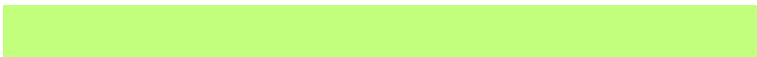
The Sweet Spot groups the original color and five complimentary colors.



53.0811, 79.4255, 58.9886



79.2528, 92.2142, 91.9909



61.7961, 84.5144, 32.4590



16.5400, 19.5295, 19.2139



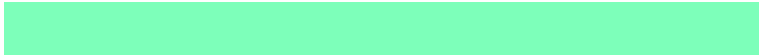
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.0811, 79.4255, 58.9886



48.4436, 77.1935, 51.5980



61.5780, 82.8243, 103.7328



18.1263, 20.3101, 20.9682



20.5198, 38.1045, 15.8886



2.0526, 3.7320, 1.8347

Inverse Universe

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



58.3117, 39.8231, 55.6527



54.1892, 33.6470, 47.9001



52.5589, 37.5220, 25.3586



18.4123, 18.1482, 20.7884



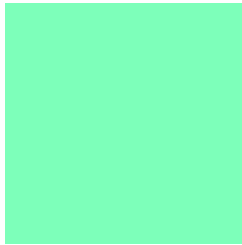
23.9228, 12.0584, 13.5097



2.3845, 1.1962, 1.6062

Previews

White Background



This preview shows how the XYZ color 53.0804, 79.4251, 58.9873 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 53.0804, 79.4251, 58.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

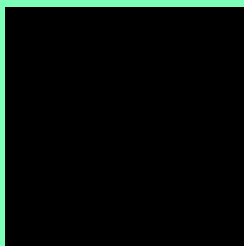
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0804, 79.4251, 58.9873

Background



This preview shows how black text looks on a background with the XYZ color 53.0804, 79.4251, 58.9873.

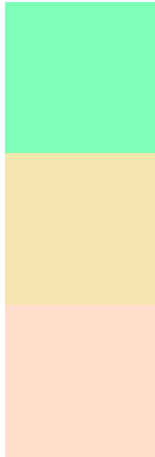


This preview shows how white text looks on a background with the XYZ color 53.0804, 79.4251,

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

53.0804, 79.4251, 58.9873

Protanopia

73.3155, 78.5071, 51.3336

Deuteranopia

78.1408, 77.8143, 67.4011



Tritanopia

66.8893, 78.6541, 106.2641

Trichromacy



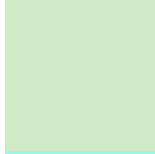
Original Color

53.0804, 79.4251, 58.9873



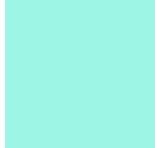
Protanomaly

62.6978, 76.7809, 53.6352



Deuteranomaly

65.5133, 76.2868, 64.0952



Tritanomaly

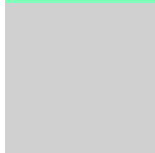
60.8400, 78.1861, 86.7477

Monochromacy



Original Color

53.0804, 79.4251, 58.9873



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.7106, 67.4855, 64.7333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0804, 79.4251, 58.9873 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(125, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 186)  
}
```

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(125, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.0804, 79.4251, 58.9873 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(125, 255, 186) }
```


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

```
.border{ border-color:rgb(125, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0804, 79.4251, 58.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 186) }
```

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

```
.background{ background-color: rgb(125,  
255, 186) }
```

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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