

Converting Colors

XYZ(53.7734, 79.8427, 56.2931)

Have a look what the booklet for
XYZ(53.7734, 79.8427, 56.2931)
contains.

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Color

**XYZ(53.7734, 79.8427,
56.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFB5
RGB	133, 255, 181
RGB Percent	52%, 100%, 71%
CMY	0.4784, 0.0000, 0.2902
CMYK	0.48, 0.00, 0.29, 0.00
HSL	144°, 100%, 76%
HSV	144°, 48%, 100%
XYZ	53.7734, 79.8427, 56.2931
YIQ	210.0860, -48.9580, -48.8780

Conversions

Conversions Part 2

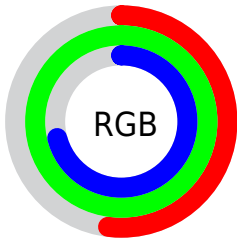
Format	Color
RYB	133, 221, 255
Decimal	8781749
CIELab	91.61, -50.32, 25.02
CIELCh	92, 56.197, 153.560
Yxy	79.8427, 0.2832, 0.4204
Android (android.graphics.Color)	4286971829 (0xFF85FFB5)
YUV	210.0860, -14.3394, -67.6044
Hunter-Lab	89.3547, -48.9501, 25.1959

Details

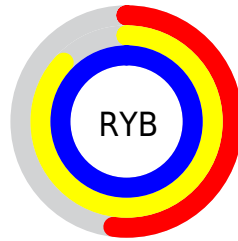
The XYZ color **53.7734, 79.8427, 56.2931** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **60.8905, 42.5408, 64.0337**, and the grayscale version is **61.4293, 64.6284, 70.3803**.

A 20% lighter version of the original color is **72.7843, 88.8409, 93.4326**, and **26.6102, 42.9075, 27.3015** is the 20% darker color. If you saturate the color by 10%, you get **48.7244, 77.4132, 48.2275**, and if you desaturate by 10%, it is **59.9770, 82.8471, 65.3351**.

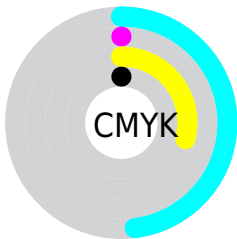
Distribution



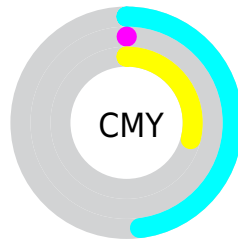
- Red (52%)
- Green (100%)
- Blue (71%)



- Red (52%)
- Yellow (87%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7734, 79.8427, 56.2931 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 53.7734, 79.8427, 56.2931 by changing the saturation by 10% instead.

 53.7734, 79.8427,
56.2931


 53.7734, 79.8427,
56.2931


391.4578,
494.4026, 428.2145


 38.6505, 59.5889,
40.0324


 94.9003, 133.1446,
100.9231

 26.6674, 43.0874,
27.2498


 121.6350,
166.9614, 130.1294

 17.4589, 29.9537,
17.5268


 152.9710,
206.0681, 164.4880

 10.6595, 19.8034,
10.4449

189.2736,
250.8490, 204.4175

 5.9040, 12.2522,
5.5855

230.9082,
301.6885, 250.3363

 2.8269, 6.9157,
2.5300

278.2403,

 1.0629, 3.4094,

358.9710, 302.6631

0.8560

331.6350,
423.0809, 361.8163

0.0000, 1.3490,
0.0000

0.0000, 0.1787,
0.0000

53.7734, 79.8427,
56.2931

53.7734, 79.8427,
56.2931

48.7244, 77.4132,
48.2275

59.9770, 82.8471,
65.3351

44.7504, 75.5182,
41.1009

67.4035, 86.4610,
75.3815

41.7643, 74.1134,
34.8788

76.1179, 90.7171,
86.4638

39.6630, 73.1465,
29.5233

86.1800, 95.6459,
98.6110

■ 38.3107, 72.5482,
24.9922

95.0500, 100.0000,
108.9000

■ 38.0762, 72.4465,
24.1171

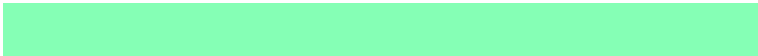
Harmonies

Analogous

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



61.6389, 79.8427, 36.3261



53.7734, 79.8427, 56.2931



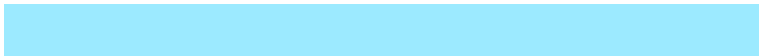
51.5539, 79.8427, 91.9331

Triad

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



53.7734, 79.8427, 56.2931



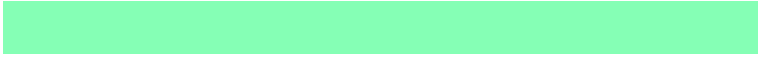
77.6137, 79.8427, 192.0098



101.2708, 79.8427, 50.1706

Complementary

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



53.7734, 79.8427, 56.2931



60.8905, 42.5408, 64.0337

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.



106.8797, 79.8427, 82.1217



53.7734, 79.8427, 56.2931



92.1797, 79.8427, 170.7715

Square

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



53.7734, 79.8427, 56.2931



64.2576, 79.8427, 178.5813



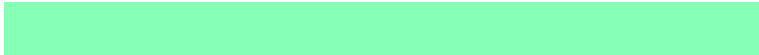
103.3610, 79.8427, 127.0637



88.8436, 79.8427, 33.6529

Rectangle

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



53.7734, 79.8427, 56.2931



53.3091, 79.8427, 122.4862



103.3610, 79.8427, 127.0637



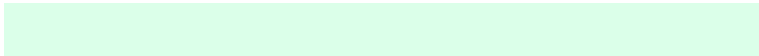
104.0825, 79.8427, 59.0291

Sweetspot

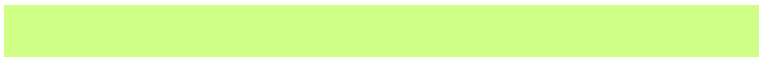
The Sweet Spot groups the original color and five complimentary colors.



53.7741, 79.8431, 56.2944



79.8212, 92.5296, 91.0033



66.0722, 86.6574, 35.4355



16.6346, 19.5846, 18.9286



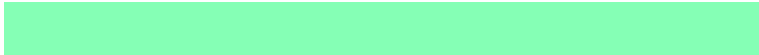
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.7741, 79.8431, 56.2944



49.1070, 77.5966, 48.8700



61.2757, 82.8437, 95.7976



18.0675, 20.2865, 20.6585



19.9638, 37.8821, 12.9608



1.9957, 3.7092, 1.5351

Inverse Universe

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



60.8905, 42.5408, 64.0337



56.9496, 36.4050, 57.3379



54.9129, 40.1498, 32.5564



18.4722, 18.1722, 21.1038



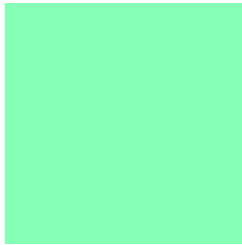
24.7013, 12.3698, 17.6096



2.4589, 1.2259, 1.9977

Previews

White Background



This preview shows how the XYZ color 53.7734, 79.8427, 56.2931 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 53.7734, 79.8427, 56.2931 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 53.7734, 79.8427, 56.2931

Background



This preview shows how black text looks on a background with the XYZ color 53.7734, 79.8427, 56.2931.



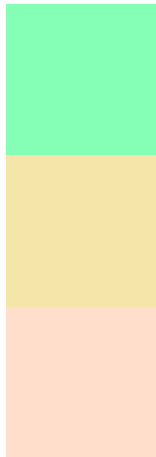
This preview shows how white text looks on a background with the XYZ color 53.7734, 79.8427,

56.2931.

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

53.7734, 79.8427, 56.2931

Protanopia

73.1868, 78.4960, 48.8300

Deuteranopia

78.4072, 78.3471, 67.4899



Tritanopia

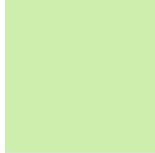
67.8005, 79.1239, 106.3067

Trichromacy



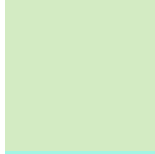
Original Color

53.7734, 79.8427, 56.2931



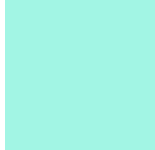
Protanomaly

63.2942, 77.1453, 51.0897



Deuteranomaly

66.4226, 77.2057, 63.0311



Tritanomaly

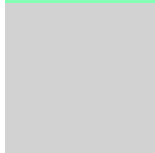
61.5563, 78.5876, 85.3234

Monochromacy



Original Color

53.7734, 79.8427, 56.2931



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.7966, 68.4613, 64.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7734, 79.8427, 56.2931 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(133, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 181)  
}
```

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(133, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.7734, 79.8427, 56.2931 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(133, 255, 181) }
```


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

```
.border{ border-color:rgb(133, 255, 181) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7734, 79.8427, 56.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 181) }
```

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

```
.background{ background-color: rgb(133,  
255, 181) }
```

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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