

Converting Colors

XYZ(53.8867, 78.8532, 66.6624)

Have a look what the booklet for
XYZ(53.8867, 78.8532, 66.6624)
contains.

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Color

**XYZ(53.7463, 78.6592,
66.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	7CFDC7
RGB	124, 253, 199
RGB Percent	49%, 99%, 78%
CMY	0.5137, 0.0078, 0.2196
CMYK	0.51, 0.00, 0.21, 0.01
HSL	155°, 97%, 74%
HSV	155°, 51%, 99%
XYZ	53.7463, 78.6592, 66.3828
YIQ	208.2730, -59.5500, -44.1420

Conversions

Conversions Part 2

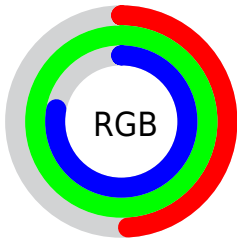
Format	Color
RYB	124, 206, 253
Decimal	8191431
CIELab	91.08, -48.08, 15.03
CIELCh	91, 50.380, 162.640
Yxy	78.6592, 0.2704, 0.3957
Android (android.graphics.Color)	4286381511 (0xFF7CFDC7)
YUV	208.2730, -4.5716, -73.9074
Hunter-Lab	88.6900, -47.0362, 17.7056

Details

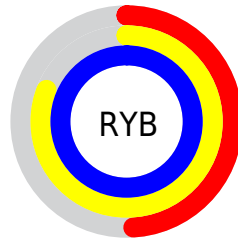
The XYZ color **53.7463, 78.6592, 66.3828** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.7542, 38.5143, 46.6181**, and the grayscale version is **60.1896, 63.3241, 68.9600**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **26.7752, 42.5163, 33.5833** is the 20% darker color. If you saturate the color by 10%, you get **49.3614, 76.5379, 59.9811**, and if you desaturate by 10%, it is **59.1589, 81.3045, 73.2828**.

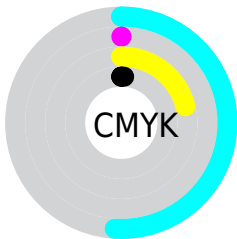
Distribution



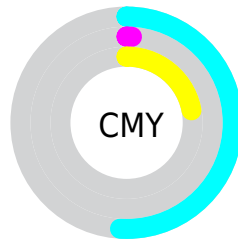
- Red (49%)
- Green (99%)
- Blue (78%)



- Red (49%)
- Yellow (81%)
- Blue (99%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (51%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7463, 78.6592, 66.3828 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 53.7463, 78.6592, 66.3828 by changing the saturation by 10% instead.


 53.7463, 78.6592,
66.3828


 53.7463, 78.6592,
66.3828

391.3560,
490.4027, 466.1862


 38.6287, 58.6156,
48.1248


 94.8607, 131.4790,
115.6678

 26.6505, 42.3038,
33.5650


 121.5883,
165.0240, 147.5319

 17.4461, 29.3392,
22.2850


 152.9166,
203.8383, 184.7684

 10.6503, 19.3376,
13.8661

189.2109,
248.3062, 227.7958

 5.8978, 11.9145,
7.8899

230.8366,
298.8123, 277.0328

 2.8231, 6.6855,
3.9378

278.1592,

 1.0609, 3.2662,

355.7407, 332.8978

1.5913

331.5438,
419.4761, 395.8095

0.0000, 1.2722,
0.2846

0.0000, 0.1195,
0.0000

53.7463, 78.6592,
66.3828

53.7463, 78.6592,
66.3828

49.3614, 76.5379,
59.9811

59.1589, 81.3045,
73.2828

45.9227, 74.8928,
54.0599

65.6600, 84.4988,
80.6877

43.3466, 73.6827,
48.6075

73.3129, 88.2765,
88.6106

41.5304, 72.8552,
43.6096

82.1742, 92.6668,
97.0624

■ 40.4004, 72.3629,
39.4796

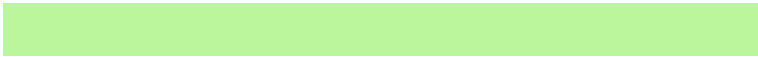
■ 92.2967, 97.6966,
106.0538

■ 94.4167, 98.7334,
108.6889

Harmonies

Analogous

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



59.3755, 78.6592, 43.7292



53.7463, 78.6592, 66.3828



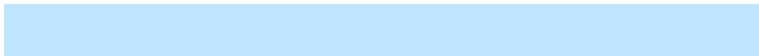
53.3285, 78.6592, 101.9231

Triad

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



53.7463, 78.6592, 66.3828



80.2493, 78.6592, 173.8958



94.2577, 78.6592, 46.3903

Complementary

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



53.7463, 78.6592, 66.3828



55.7542, 38.5143, 46.6181

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.



101.2866, 78.6592, 71.2021



53.7463, 78.6592, 66.3828



92.6033, 78.6592, 148.2716

Square

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



53.7463, 78.6592, 66.3828



67.6936, 78.6592, 171.5100



100.6489, 78.6592, 108.3171



82.3087, 78.6592, 34.6423

Rectangle

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



53.7463, 78.6592, 66.3828



55.9843, 78.6592, 129.3019



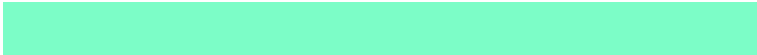
100.6489, 78.6592, 108.3171



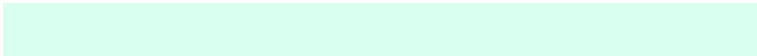
97.3320, 78.6592, 53.1228

Sweetspot

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



53.7484, 78.6624, 66.3846



79.8792, 92.4647, 95.2893



57.5651, 81.4005, 31.7478



16.6907, 19.5898, 20.0076



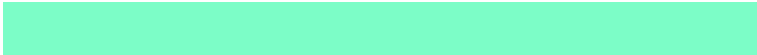
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.7484, 78.6624, 66.3846



50.2364, 77.9107, 61.0390



58.5155, 76.3225, 104.5799



18.2144, 20.3453, 21.4323



21.5650, 38.5226, 21.3925



2.1542, 3.7726, 2.3701

Inverse Universe

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



55.7542, 38.5143, 46.6181



52.4967, 32.9700, 38.9877



52.4813, 39.0055, 23.8327



18.3248, 18.1132, 20.3275



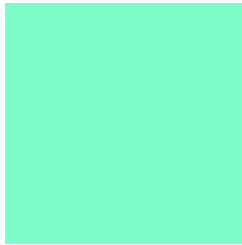
22.9990, 11.6889, 8.6453



2.2924, 1.1593, 1.1210

Previews

White Background



This preview shows how the XYZ color 53.7463, 78.6592, 66.3828 looks on a white background.

Color Contrast Check

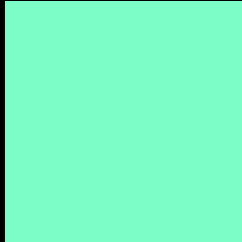
Large Text (above 18pt) WCAG AA × Fail

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 53.7463, 78.6592, 66.3828 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 53.7463, 78.6592, 66.3828

Background



This preview shows how black text looks on a background with the XYZ color 53.7463, 78.6592, 66.3828.

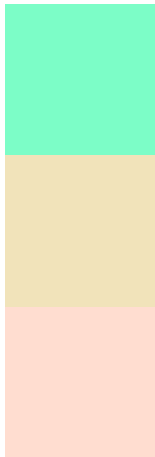


This preview shows how white text looks on a background with the XYZ color 53.7463, 78.6592,

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

53.7463, 78.6592, 66.3828

Protanopia

72.6076, 77.1841, 57.5256

Deuteranopia

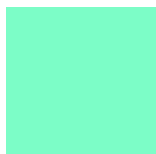
78.4816, 77.5270, 70.5023



Tritanopia

65.7877, 78.0862, 106.2125

Trichromacy



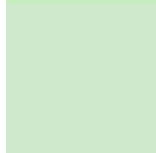
Original Color

53.7463, 78.6592, 66.3828



Protanomaly

62.6881, 75.7583, 60.6090



Deuteranomaly

65.8905, 75.9510, 68.9448



Tritanomaly

60.7847, 78.0753, 90.4636

Monochromacy



Original Color

53.7463, 78.6592, 66.3828



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.8066, 67.0662, 67.7614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7463, 78.6592, 66.3828 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(124, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 253, 199)  
}
```

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(124, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 253, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.7463, 78.6592, 66.3828 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(124, 253, 199) }
```


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

```
.border{ border-color:rgb(124, 253, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 253, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 253, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 253, 199); box-shadow:4px 4px 4px 4px rgb(124, 253, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7463, 78.6592, 66.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 253, 199) }
```

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

```
.background{ background-color: rgb(124,  
253, 199) }
```

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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