

Converting Colors

XYZ(53.3953, 76.9840, 68.5765)

Have a look what the booklet for
XYZ(53.3953, 76.9840, 68.5765)
contains.

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Color

**XYZ(53.4225, 77.0430,
68.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFACB
RGB	125, 250, 203
RGB Percent	49%, 98%, 80%
CMY	0.5098, 0.0196, 0.2039
CMYK	0.50, 0.00, 0.19, 0.02
HSL	157°, 93%, 74%
HSV	157°, 50%, 98%
XYZ	53.4225, 77.0430, 68.5550
YIQ	207.2670, -59.4130, -41.1170

Conversions

Conversions Part 2

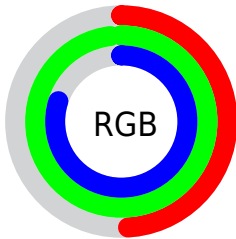
Format	Color
RYB	125, 202, 250
Decimal	8256203
CIELab	90.34, -45.73, 11.93
CIELCh	90, 47.264, 165.381
Yxy	77.0430, 0.2684, 0.3871
Android (android.graphics.Color)	4286446283 (0xFF7DFACB)
YUV	207.2670, -2.1036, -72.1482
Hunter-Lab	87.7741, -44.9632, 15.1341

Details

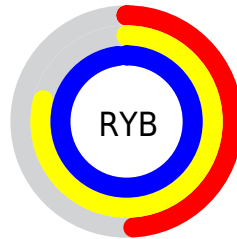
The XYZ color **53.4225, 77.0430, 68.5550** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **54.2069, 37.9716, 43.5047**, and the grayscale version is **59.5226, 62.6224, 68.1958**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **26.4814, 41.3340, 35.0163** is the 20% darker color. If you saturate the color by 10%, you get **49.1357, 74.9606, 62.6837**, and if you desaturate by 10%, it is **58.6998, 79.6322, 74.8307**.

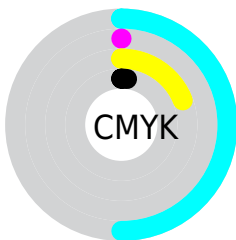
Distribution



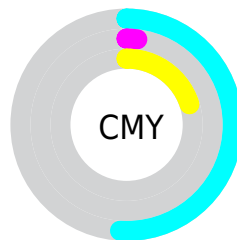
- Red (49%)
- Green (98%)
- Blue (80%)



- Red (49%)
- Yellow (79%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (51%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4225, 77.0430, 68.5550 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 53.4225, 77.0430, 68.5550 by changing the saturation by 10% instead.

 53.4225, 77.0430,
68.5550


 53.4225, 77.0430,
68.5550


390.1384,
484.9106, 474.1113


 38.3690, 57.2882,
49.8799


 94.3877, 129.2002,
118.8075

 26.4477, 41.2366,
34.9475


 121.0300,
162.3713, 151.2219

 17.2933, 28.5040,
23.3392

 152.2660,
200.7833, 189.0532

 10.5404, 18.7060,
14.6365

188.4610,
244.8206, 232.7199

 5.8237, 11.4580,
8.4209

229.9804,
294.8676, 282.6405

 2.7778, 6.3758,
4.2738

277.1895,

 1.0374, 3.0749,

351.3087, 339.2335

1.7767

330.4537,
414.5282, 402.9176

■ 0.0000, 1.1710,
0.4125

■ 0.0000, 0.0378,
0.0000

■ 53.4225, 77.0430,
68.5550

■ 53.4225, 77.0430,
68.5550

■ 49.1357, 74.9606,
62.6837

■ 58.6998, 79.6322,
74.8307

■ 45.7616, 73.3391,
57.2019

■ 65.0255, 82.7518,
81.5144


■ 43.2207, 72.1395,
52.1010


■ 72.4602, 86.4350,
88.6168


■ 41.4159, 71.3119,
47.3701

■ 81.0579, 90.7096,
96.1459

 40.1877, 70.7743,
42.9948

 90.8693, 95.6014,
104.1100

 40.1877, 70.7743,
42.9947

 93.4770, 96.8540,
108.3757

Harmonies

Analogous

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



58.2579, 77.0430, 46.0723



53.4225, 77.0430, 68.5550



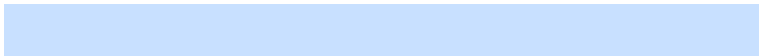
53.4857, 77.0430, 102.2966

Triad

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



53.4225, 77.0430, 68.5550



79.4009, 77.0430, 163.2726



90.3180, 77.0430, 45.6647

Complementary

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



53.4225, 77.0430, 68.5550



54.2069, 37.9716, 43.5047

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.



97.3113, 77.0430, 67.8298



53.4225, 77.0430, 68.5550



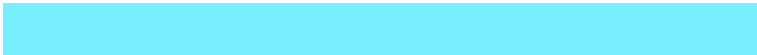
90.5630, 77.0430, 138.2025

Square

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



53.4225, 77.0430, 68.5550



67.6572, 77.0430, 163.6206



97.4055, 77.0430, 101.3492



79.0945, 77.0430, 35.4693

Rectangle

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



53.4225, 77.0430, 68.5550



56.2674, 77.0430, 127.3347



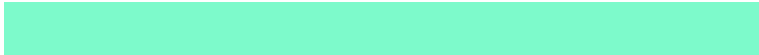
97.4055, 77.0430, 101.3492



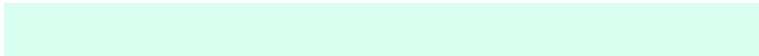
93.2921, 77.0430, 51.6518

Sweetspot

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



53.4246, 77.0461, 68.5568



80.1211, 92.5615, 96.5631



55.1048, 78.7299, 31.6951



16.7491, 19.6131, 20.3149



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.



53.4246, 77.0461, 68.5568



51.3714, 78.3976, 65.5306



55.5429, 70.9206, 101.2078



17.4729, 19.4914, 20.6908



21.3881, 37.5682, 23.1846



2.0323, 3.5000, 2.4181

Inverse Universe

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



54.2069, 37.9716, 43.5047



52.2955, 33.2844, 36.7110



52.4456, 40.4411, 24.4448



17.5146, 17.3332, 19.2994



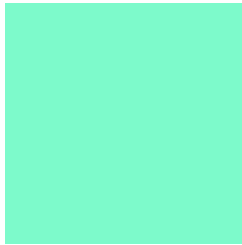
22.0478, 11.2348, 6.9600



2.0916, 1.0604, 0.9057

Previews

White Background



This preview shows how the XYZ color 53.4225, 77.0430, 68.5550 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 53.4225, 77.0430, 68.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

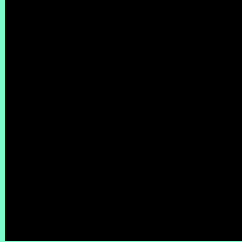
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4225, 77.0430, 68.5550

Background



This preview shows how black text looks on a background with the XYZ color 53.4225, 77.0430, 68.5550.



This preview shows how white text looks on a background with the XYZ color 53.4225, 77.0430,

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

53.4225, 77.0430, 68.5550

Protanopia

71.4794, 75.7453, 59.5681

Deuteranopia

77.5773, 75.8668, 71.5278



Tritanopia

63.8168, 76.6344, 106.0362

Trichromacy



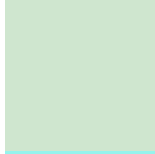
Original Color

53.4225, 77.0430, 68.5550



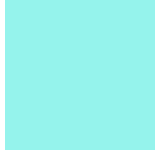
Protanomaly

62.2991, 74.6561, 62.7563



Deuteranomaly

65.2914, 74.3640, 69.9440



Tritanomaly

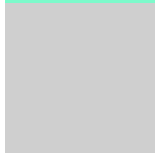
59.5853, 76.5469, 90.9914

Monochromacy



Original Color

53.4225, 77.0430, 68.5550



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.6597, 66.5787, 68.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4225, 77.0430, 68.5550 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, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 203)  
}
```

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, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.4225, 77.0430, 68.5550 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, 250, 203) }
```


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

```
.border{ border-color:rgb(125, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(125, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4225, 77.0430, 68.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 203) }
```

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

```
.background{ background-color: rgb(125,  
250, 203) }
```

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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