

Converting Colors

XYZ(53.2019, 77.2683, 60.0673)

Have a look what the booklet for
XYZ(53.2019, 77.2683, 60.0673)
contains.

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Color

**XYZ(53.2024, 77.1137,
60.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	86FABD
RGB	134, 250, 189
RGB Percent	53%, 98%, 74%
CMY	0.4745, 0.0196, 0.2588
CMYK	0.46, 0.00, 0.24, 0.02
HSL	148°, 92%, 75%
HSV	148°, 46%, 98%
XYZ	53.2024, 77.1137, 60.2245
YIQ	208.3620, -49.5550, -43.5630

Conversions

Conversions Part 2

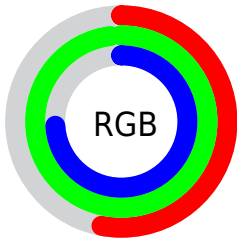
Format	Color
RYB	134, 213, 250
Decimal	8846013
CIELab	90.37, -46.44, 19.23
CIELCh	90, 50.266, 157.506
Yxy	77.1137, 0.2792, 0.4047
Android (android.graphics.Color)	4287036093 (0xFF86FABD)
YUV	208.3620, -9.5455, -65.2155
Hunter-Lab	87.8144, -45.5309, 20.8081

Details

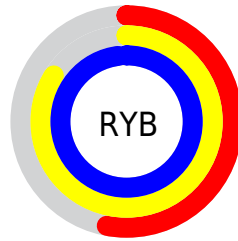
The XYZ color **53.2024, 77.1137, 60.2245** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.8022, 41.3160, 56.5607**, and the grayscale version is **60.2739, 63.4128, 69.0566**.

A 20% lighter version of the original color is **73.9797, 89.3190, 99.7274**, and **26.4155, 41.4134, 29.8939** is the 20% darker color. If you saturate the color by 10%, you get **48.3161, 74.7543, 52.8817**, and if you desaturate by 10%, it is **59.1640, 80.0167, 68.2963**.

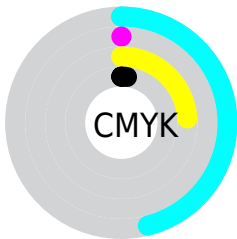
Distribution



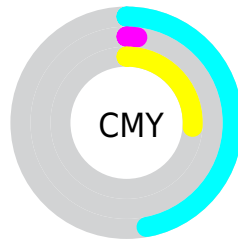
- Red (53%)
- Green (98%)
- Blue (74%)



- Red (53%)
- Yellow (84%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (47%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2024, 77.1137, 60.2245 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 53.2024, 77.1137, 60.2245 by changing the saturation by 10% instead.

53.2024, 77.1137,
60.2245

53.2024, 77.1137,
60.2245

389.3093,
485.1516, 443.2524

38.1925, 57.3462,
43.1731

94.0659, 129.3000,
106.7018

26.3100, 41.2833,
29.6886

120.6502,
162.4875, 136.9649

17.1896, 28.5405,
19.3523

151.8234,
200.9172, 172.4689

10.4659, 18.7335,
11.7457

187.9507,
244.9734, 213.6324

5.7736, 11.4779,
6.4503

229.3977,
295.0406, 260.8740

2.7472, 6.3892,
3.0476

276.5295,

1.0215, 3.0832,

351.5031, 314.6121

1.1190

329.7116,
414.7453, 375.2654

■ 0.0000, 1.1753,
0.0000

■ 0.0000, 0.0414,
0.0000

■ 53.2024, 77.1137,
60.2245

■ 53.2024, 77.1137,
60.2245

■ 48.3161, 74.7543,
52.8817

■ 59.1640, 80.0167,
68.2963

■ 44.4281, 72.8929,
46.2415


■ 66.2588, 83.4864,
77.1121


■ 41.4605, 71.4918,
40.2833


■ 74.5478, 87.5560,
86.6928


■ 39.3202, 70.5036,
34.9833

■ 84.0856, 92.2534,
97.0571

 37.8916, 69.8689,
30.3156

 93.4348, 96.8372,
108.1532

 37.4889, 69.6949,
28.7831

 93.4771, 96.8541,
108.3757

Harmonies

Analogous

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



59.5755, 77.1137, 40.2424



53.2024, 77.1137, 60.2245



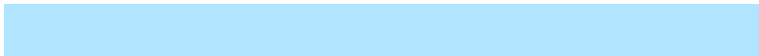
51.8989, 77.1137, 93.3092

Triad

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



53.2024, 77.1137, 60.2245



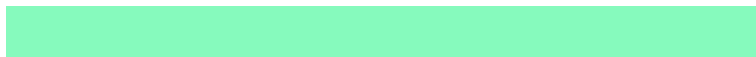
76.4887, 77.1137, 172.6906



94.1279, 77.1137, 48.5548

Complementary

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



53.2024, 77.1137, 60.2245



57.8022, 41.3160, 56.5607

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.



99.8847, 77.1137, 75.2640



53.2024, 77.1137, 60.2245



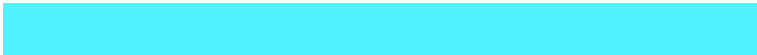
88.9723, 77.1137, 151.4988

Square

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



53.2024, 77.1137, 60.2245



64.4534, 77.1137, 165.2625



97.8978, 77.1137, 113.2417



82.9087, 77.1137, 34.9678

Rectangle

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



53.2024, 77.1137, 60.2245



53.9253, 77.1137, 120.0541



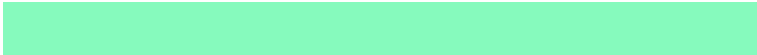
97.8978, 77.1137, 113.2417



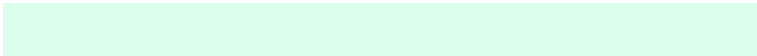
96.8211, 77.1137, 55.9451

Sweetspot

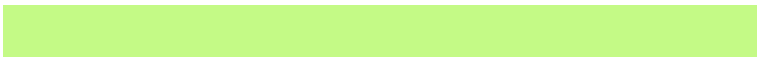
The Sweet Spot groups the original color and five complimentary colors.



53.2045, 77.1168, 60.2263



80.2370, 92.6959, 93.1926



61.2215, 81.8138, 35.1200



16.7355, 19.6250, 19.4600



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.



53.2045, 77.1168, 60.2263



50.6962, 78.2693, 55.5651



60.6746, 80.1049, 99.5637



17.3600, 19.4463, 20.0965



19.9560, 36.9954, 15.6436



1.9014, 3.4477, 1.7287

Inverse Universe

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



57.8022, 41.3160, 56.5607



56.0575, 36.4930, 51.2685



52.5294, 39.2068, 28.7941



17.6260, 17.3777, 19.8861



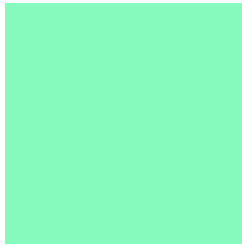
23.1752, 11.6858, 12.8967



2.2000, 1.1037, 1.4767

Previews

White Background



This preview shows how the XYZ color 53.2024, 77.1137, 60.2245 looks on a white background.

Color Contrast Check

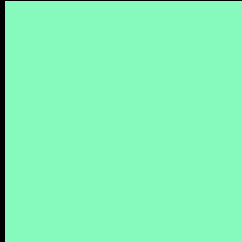
Large Text (above 18pt) WCAG AA × Fail

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 53.2024, 77.1137, 60.2245 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 53.2024, 77.1137, 60.2245

Background



This preview shows how black text looks on a background with the XYZ color 53.2024, 77.1137, 60.2245.



This preview shows how white text looks on a background with the XYZ color 53.2024, 77.1137,

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

53.2024, 77.1137, 60.2245

Protanopia

71.4078, 76.2678, 52.5525

Deuteranopia

76.9968, 76.0932, 65.2729



Tritanopia

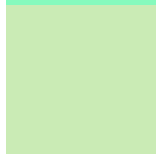
64.3504, 76.4761, 105.9775

Trichromacy



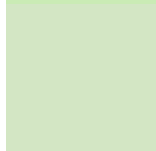
Original Color

53.2024, 77.1137, 60.2245



Protanomaly

62.4059, 75.3094, 54.9631



Deuteranomaly

65.1246, 74.4280, 63.1582



Tritanomaly

59.5024, 76.1438, 87.1624

Monochromacy



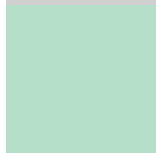
Original Color

53.2024, 77.1137, 60.2245



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.9863, 66.8162, 65.2044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2024, 77.1137, 60.2245 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(134, 250, 189)` looks like.

```
.text, #text, p{  
    color:rgb(134, 250, 189)  
}
```

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(134, 250, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 250, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.2024, 77.1137, 60.2245 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(134, 250, 189) }
```


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

```
.border{ border-color:rgb(134, 250, 189) }
```

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

Here you see how a box with a 4 pixel rgb(134, 250, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(134, 250,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2024, 77.1137, 60.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 250, 189) }
```

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

```
.background{ background-color: rgb(134,  
250, 189) }
```

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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