

Converting Colors

XYZ(56.2028, 78.5722, 74.4760)

Have a look what the booklet for
XYZ(56.2028, 78.5722, 74.4760)
contains.

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Color

**XYZ(56.0609, 78.2756,
74.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	87FAD4
RGB	135, 250, 212
RGB Percent	53%, 98%, 83%
CMY	0.4706, 0.0196, 0.1686
CMYK	0.46, 0.00, 0.15, 0.02
HSL	160°, 92%, 75%
HSV	160°, 46%, 98%
XYZ	56.0609, 78.2756, 74.4413
YIQ	211.2830, -56.3420, -36.1980

Conversions

Conversions Part 2

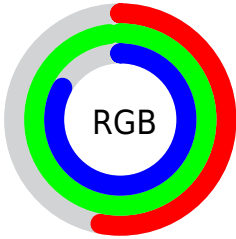
Format	Color
RYB	135, 204, 250
Decimal	8911572
CIELab	90.91, -41.48, 8.13
CIELCh	91, 42.270, 168.911
Yxy	78.2756, 0.2685, 0.3749
Android (android.graphics.Color)	4287101652 (0xFF87FAD4)
YUV	211.2830, 0.3535, -66.9002
Hunter-Lab	88.4735, -41.7228, 12.0450

Details

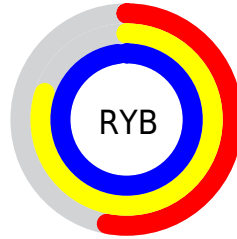
The XYZ color **56.0609, 78.2756, 74.4413** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.6337, 40.6710, 44.4561**, and the grayscale version is **62.1301, 65.3657, 71.1833**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **28.0574, 42.0701, 38.5399** is the 20% darker color. If you saturate the color by 10%, you get **51.4857, 76.0364, 68.9266**, and if you desaturate by 10%, it is **61.6381, 81.0292, 80.2847**.

Distribution



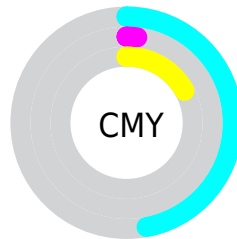
- Red (53%)
- Green (98%)
- Blue (83%)



- Red (53%)
- Yellow (80%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (47%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0609, 78.2756, 74.4413 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 56.0609, 78.2756, 74.4413 by changing the saturation by 10% instead.


 56.0609, 78.2756,
74.4413


 56.0609, 78.2756,
74.4413


399.9923,
489.1023, 495.1991


 40.4889, 58.3004,
54.6563


 98.2329, 130.9386,
127.2610

 28.1059, 42.0502,
38.7299


 125.5637,
164.3951, 161.1328

 18.5463, 29.1406,
26.2435


 157.5447,
203.1142, 200.5373

 11.4450, 19.1872,
16.7785

194.5415,
247.4803, 245.8930

 6.4365, 11.8056,
9.9164

236.9193,
297.8778, 297.6185

 3.1554, 6.6115,
5.2387

285.0434,

 1.2365, 3.2203,

354.6910, 356.1324

2.3268

339.2793,
418.3044, 421.8531

0.1349, 1.2478,
0.7462

0.0000, 0.1002,
0.0000

56.0609, 78.2756,
74.4413

56.0609, 78.2756,
74.4413

51.4857, 76.0364,
68.9266

61.6381, 81.0292,
80.2847

47.8381, 74.2673,
63.7278


68.2721, 84.3194,
86.4584


45.0435, 72.9319,
58.8391


76.0214, 88.1782,
92.9705


43.0124, 71.9843,
54.2519

84.9383, 92.6325,
99.8276

 41.6338, 71.3672,
49.9565

 93.2060, 96.7456,
106.9483

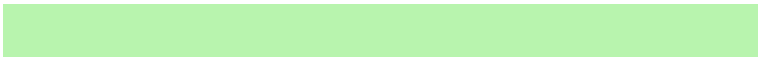
 41.1982, 71.1785,
48.3159

 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.



60.0095, 78.2756, 52.2076



56.0609, 78.2756, 74.4413



56.6617, 78.2756, 105.6808

Triad

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



56.0609, 78.2756, 74.4413



81.2337, 78.2756, 153.6059



88.6825, 78.2756, 48.2332

Complementary

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



56.0609, 78.2756, 74.4413



55.6337, 40.6710, 44.4561

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.



95.4973, 78.2756, 67.6019



56.0609, 78.2756, 74.4413



90.9215, 78.2756, 129.8671

Square

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



56.0609, 78.2756, 74.4413



70.5299, 78.2756, 156.6926



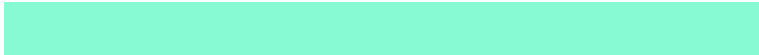
96.3537, 78.2756, 97.0112



78.4063, 78.2756, 39.6649

Rectangle

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



56.0609, 78.2756, 74.4413



59.5772, 78.2756, 127.6198



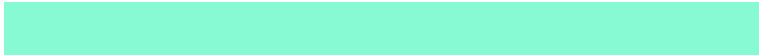
96.3537, 78.2756, 97.0112



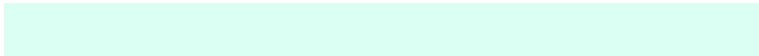
91.4944, 78.2756, 53.4486

Sweetspot

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



56.0631, 78.2787, 74.4431



81.2721, 93.1100, 98.6432



55.8686, 79.0461, 35.2356



16.9879, 19.7260, 20.7890



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.



56.0631, 78.2787, 74.4431



54.2632, 79.7342, 72.6275



55.7787, 69.1145, 100.8468



17.5076, 19.5053, 20.8738



21.9212, 37.7815, 25.9923



2.0793, 3.5188, 2.6653

Inverse Universe

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



55.6337, 40.6710, 44.4561



53.7838, 36.0411, 37.8845



55.3830, 45.2415, 28.7362



17.4811, 17.3198, 19.1234



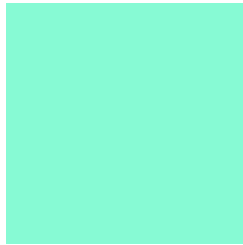
21.7912, 11.1322, 5.6091



2.0651, 1.0498, 0.7661

Previews

White Background



This preview shows how the XYZ color 56.0609, 78.2756, 74.4413 looks on a white background.

Color Contrast Check

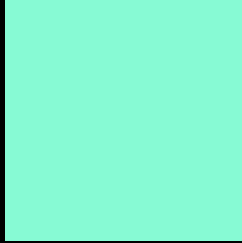
Large Text (above 18pt) WCAG AA × Fail

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 56.0609, 78.2756, 74.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

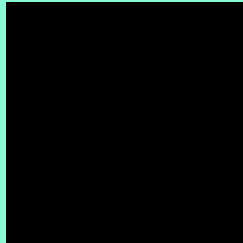
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0609, 78.2756, 74.4413

Background



This preview shows how black text looks on a background with the XYZ color 56.0609, 78.2756, 74.4413.

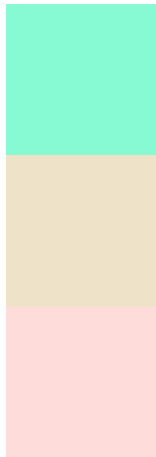


This preview shows how white text looks on a background with the XYZ color 56.0609, 78.2756,

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

56.0609, 78.2756, 74.4413

Protanopia

73.1543, 77.2854, 65.7055

Deuteranopia

78.7561, 77.1310, 77.0665



Tritanopia

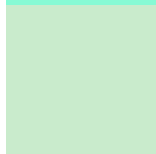
66.0047, 78.1981, 106.2227

Trichromacy



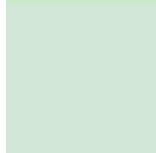
Original Color

56.0609, 78.2756, 74.4413



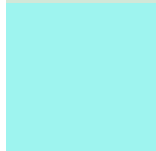
Protanomaly

64.6948, 76.1938, 68.4238



Deuteranomaly

67.5489, 75.8113, 76.0386



Tritanomaly

62.0312, 78.2025, 93.4865

Monochromacy



Original Color

56.0609, 78.2756, 74.4413



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.2115, 68.6209, 71.8051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0609, 78.2756, 74.4413 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(135, 250, 212)` looks like.

```
.text, #text, p{  
    color:rgb(135, 250, 212)  
}
```

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(135, 250, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 250, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.0609, 78.2756, 74.4413 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(135, 250, 212) }
```


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

```
.border{ border-color:rgb(135, 250, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 250, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 250, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 250, 212);  
box-shadow:4px 4px 4px 4px rgb(135, 250,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0609, 78.2756, 74.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 250, 212) }
```

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

```
.background{ background-color: rgb(135,  
250, 212) }
```

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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