

Converting Colors

XYZ(56.3424, 74.1379, 64.1638)

Have a look what the booklet for
XYZ(56.3424, 74.1379, 64.1638)
contains.

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Color

**XYZ(56.3424, 74.1379,
64.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F0C5
RGB	163, 240, 197
RGB Percent	64%, 94%, 77%
CMY	0.3608, 0.0588, 0.2274
CMYK	0.32, 0.00, 0.18, 0.06
HSL	146°, 72%, 79%
HSV	146°, 32%, 94%
XYZ	56.3424, 74.1379, 64.1638
YIQ	212.0750, -32.0890, -29.6970

Conversions

Conversions Part 2

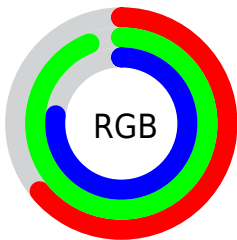
Format	Color
R _{YB}	163, 216, 240
Decimal	10744005
CIE Lab	88.99, -32.51, 13.34
CIE LCh	89, 35.143, 157.698
Yxy	74.1379, 0.2895, 0.3809
Android (android.graphics.Color)	4288934085 (0xFFA3F0C5)
YUV	212.0750, -7.4320, -43.0388
Hunter-Lab	86.1034, -33.8780, 16.0897

Details

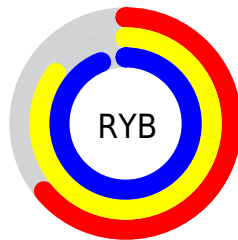
The XYZ color **56.3424, 74.1379, 64.1638** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.1755, 49.1777, 64.7162**, and the grayscale version is **62.6939, 65.9589, 71.8292**.

A 20% lighter version of the original color is **83.1646, 93.8914, 107.5055**, and **28.4051, 39.5154, 32.1167** is the 20% darker color. If you saturate the color by 10%, you get **50.4189, 71.2559, 56.2236**, and if you desaturate by 10%, it is **63.3390, 77.5614, 72.8703**.

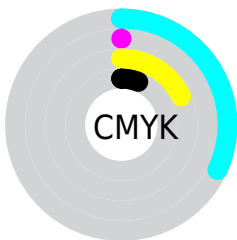
Distribution



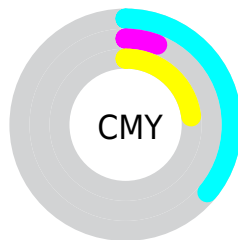
- Red (64%)
- Green (94%)
- Blue (77%)



- Red (64%)
- Yellow (85%)
- Blue (94%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)





- Cyan (36%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3424, 74.1379, 64.1638 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 56.3424, 74.1379, 64.1638 by changing the saturation by 10% instead.


 56.3424, 74.1379,
64.1638


 56.3424, 74.1379,
64.1638


401.0347,
474.9492, 458.0046

 40.7156, 54.9069,
46.3363


 98.6419, 125.0913,
112.4485

 28.2836, 39.3272,
32.1607


 126.0454,
157.5824, 143.7429

 18.6811, 27.0144,
21.2185


158.1051,
195.2625, 180.3633

 11.5427, 17.5840,
13.0910

195.1864,
238.5157, 222.7282

 6.5031, 10.6517,
7.3598

237.6546,
287.7267, 271.2563

 3.1969, 5.8332,
3.6063


285.8752,

 1.2587, 2.7439,


343.2796, 326.3660


1.4119

340.2134,
405.5590, 388.4759


 0.1520, 0.9995,
0.1510


 0.0000, 0.0000,
0.0000


 56.3424, 74.1379,
64.1638


 56.3424, 74.1379,
64.1638


 50.4189, 71.2559,
56.2236


 63.3390, 77.5614,
72.8703


 45.5060, 68.8775,
49.0235

 71.4549, 81.5437,
82.3583

 41.5440, 66.9743,
42.5431

 80.7406, 86.1125,
92.6489

 38.4637, 65.5112,
36.7590

 89.7534, 90.5237,
103.6912

■ 36.1860, 64.4478,
31.6465

■ 90.4514, 90.8029,
107.3671

■ 34.6164, 63.7359,
27.1790

■ 33.7615, 63.3629,
24.0789

Harmonies

Analogous

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



60.8963, 74.1379, 48.9445



56.3424, 74.1379, 64.1638



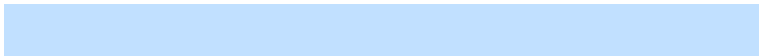
55.4171, 74.1379, 87.1866

Triad

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



56.3424, 74.1379, 64.1638



72.6878, 74.1379, 136.8548



84.2699, 74.1379, 55.2515

Complementary

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



56.3424, 74.1379, 64.1638



60.1755, 49.1777, 64.7162

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.



88.0186, 74.1379, 74.5881



56.3424, 74.1379, 64.1638



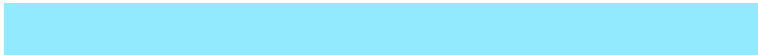
80.9889, 74.1379, 123.9320

Square

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



56.3424, 74.1379, 64.1638



64.4177, 74.1379, 132.5037



86.7719, 74.1379, 99.9124



76.8812, 74.1379, 44.5701

Rectangle

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



56.3424, 74.1379, 64.1638



56.9070, 74.1379, 104.6085



86.7719, 74.1379, 99.9124



86.0236, 74.1379, 60.7828

Sweetspot

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



56.3444, 74.1410, 64.1655



84.0741, 94.5969, 96.8586



63.4033, 78.1805, 46.4000



17.6888, 20.0969, 20.3856



0.0000, 0.0000, 0.0000



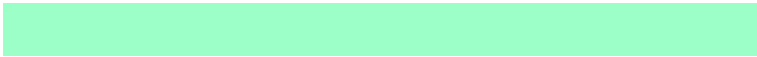
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3444, 74.1410, 64.1655



59.7458, 82.6881, 67.1255



61.2429, 76.1004, 89.9607



15.8559, 17.7724, 18.2638



18.5452, 34.7101, 13.5201



1.5920, 2.9073, 1.3840

Inverse Universe

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



60.1755, 49.1777, 64.7162



64.8221, 49.5938, 67.8424



56.1149, 47.5534, 43.3332



16.1424, 15.9067, 18.3062



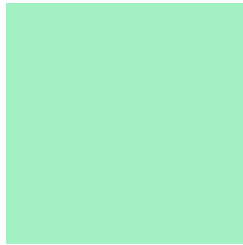
22.0963, 11.1109, 13.6894



1.8882, 0.9443, 1.4020

Previews

White Background



This preview shows how the XYZ color 56.3424, 74.1379, 64.1638 looks on a white background.

Color Contrast Check

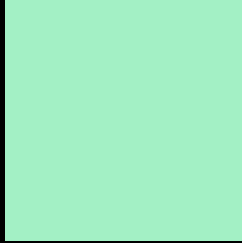
Large Text (above 18pt) WCAG AA × Fail

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 56.3424, 74.1379, 64.1638 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 56.3424, 74.1379, 64.1638

Background



This preview shows how black text looks on a background with the XYZ color 56.3424, 74.1379, 64.1638.



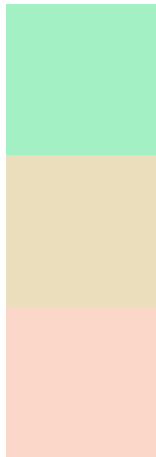
This preview shows how white text looks on a background with the XYZ color 56.3424, 74.1379, 64.1638.

64.1638.

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

56.3424, 74.1379, 64.1638

Protanopia

69.1301, 73.3658, 58.0944

Deuteranopia

74.7448, 73.3744, 66.1003



Tritanopia

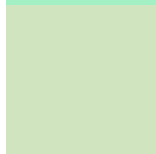
64.0071, 74.2415, 102.2233

Trichromacy



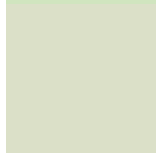
Original Color

56.3424, 74.1379, 64.1638



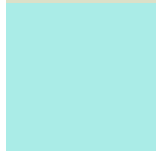
Protanomaly

63.4357, 73.2101, 60.0778



Deuteranomaly

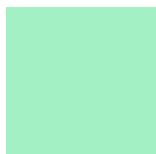
66.2944, 72.5415, 65.1514



Tritanomaly

60.9968, 74.3065, 86.7290

Monochromacy



Original Color

56.3424, 74.1379, 64.1638



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.6319, 68.2169, 69.0557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3424, 74.1379, 64.1638 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(163, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 240, 197)  
}
```

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(163, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 240, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.3424, 74.1379, 64.1638 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(163, 240, 197) }
```


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

```
.border{ border-color:rgb(163, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 240,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3424, 74.1379, 64.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 240, 197) }
```

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

```
.background{ background-color: rgb(163,  
240, 197) }
```

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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