

Converting Colors

XYZ(56.3119, 79.5204, 67.5779)

Have a look what the booklet for
XYZ(56.3119, 79.5204, 67.5779)
contains.

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Color

**XYZ(56.3375, 79.5006,
67.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFCC9
RGB	141, 252, 201
RGB Percent	55%, 99%, 79%
CMY	0.4470, 0.0117, 0.2118
CMYK	0.44, 0.00, 0.20, 0.01
HSL	152°, 95%, 77%
HSV	152°, 44%, 99%
XYZ	56.3375, 79.5006, 67.6342
YIQ	212.9970, -49.7850, -39.3930

Conversions

Conversions Part 2

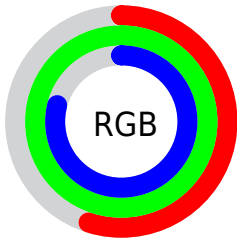
Format	Color
RYB	141, 213, 252
Decimal	9305289
CIELab	91.46, -43.18, 14.63
CIElCh	91, 45.595, 161.285
Yxy	79.5006, 0.2769, 0.3907
Android (android.graphics.Color)	4287495369 (0xFF8DFCC9)
YUV	212.9970, -5.9145, -63.1414
Hunter-Lab	89.1631, -43.2506, 17.4401

Details

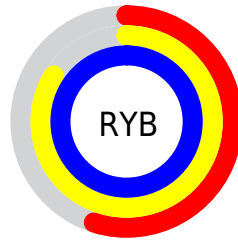
The XYZ color **56.3375, 79.5006, 67.6342** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.1868, 43.5528, 55.1591**, and the grayscale version is **63.3077, 66.6047, 72.5325**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **28.3488, 42.9758, 34.4048** is the 20% darker color. If you saturate the color by 10%, you get **51.2194, 77.0157, 60.5513**, and if you desaturate by 10%, it is **62.5375, 82.5355, 75.3072**.

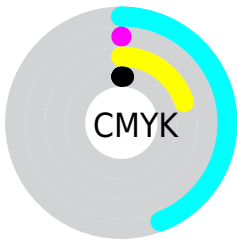
Distribution



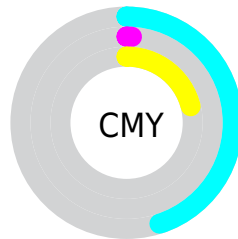
- Red (55%)
- Green (99%)
- Blue (79%)



- Red (55%)
- Yellow (84%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3375, 79.5006, 67.6342 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 56.3375, 79.5006, 67.6342 by changing the saturation by 10% instead.


 56.3375, 79.5006,
67.6342


 56.3375, 79.5006,
67.6342


401.0166,
493.2482, 470.7617

 40.7116, 59.3075,
49.1354


 98.6348, 132.6634,
117.4779

 28.2805, 42.8607,
34.3605


 126.0370,
166.4018, 149.6599

 18.6788, 29.7758,
22.8911


158.0953,
205.4242, 187.2401

 11.5410, 19.6685,
14.3086

195.1751,
250.1148, 230.6369

 6.5019, 12.1543,
8.1944

237.6418,
300.8581, 280.2689

 3.1962, 6.8489,
4.1300


285.8607,


 1.2583, 3.3678,


358.0386, 336.5547


1.6970

340.1972,
422.0405, 399.9128


 0.1517, 1.3266,
0.3586


 0.0000, 0.1617,
0.0000


 56.3375, 79.5006,
67.6342


 56.3375, 79.5006,
67.6342


 51.2194, 77.0157,
60.5513


 62.5375, 82.5355,
75.3072


 47.1073, 75.0358,
54.0381

 69.8756, 86.1430,
83.5793

 43.9258, 73.5242,
48.0806

 78.4119, 90.3558,
92.4658

 41.5848, 72.4349,
42.6620

 88.2003, 95.2014,
101.9802

■ 39.9749, 71.7117,
37.7641

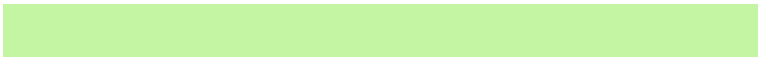
■ 94.1019, 98.1037,
108.5840

■ 39.2711, 71.4074,
35.0861

Harmonies

Analogous

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



61.7752, 79.5006, 46.8737



56.3375, 79.5006, 67.6342



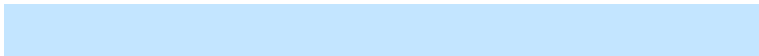
55.7244, 79.5006, 99.6808

Triad

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



56.3375, 79.5006, 67.6342



80.0144, 79.5006, 165.5751



93.6016, 79.5006, 50.8724

Complementary

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



56.3375, 79.5006, 67.6342



59.1868, 43.5528, 55.1591

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.



99.6263, 79.5006, 74.6490



56.3375, 79.5006, 67.6342



91.2632, 79.5006, 144.0120

Square

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



56.3375, 79.5006, 67.6342



68.6270, 79.5006, 162.2945



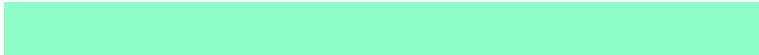
98.7292, 79.5006, 108.7292



82.9512, 79.5006, 39.0464

Rectangle

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



56.3375, 79.5006, 67.6342



58.0524, 79.5006, 124.1712



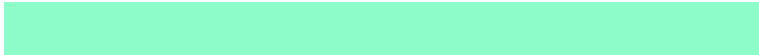
98.7292, 79.5006, 108.7292



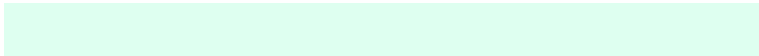
96.2819, 79.5006, 57.4363

Sweetspot

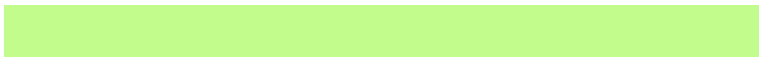
The Sweet Spot groups the original color and five complimentary colors.



56.3397, 79.5038, 67.6360



81.5321, 93.3034, 95.9700



61.5620, 82.8586, 37.9489



17.0071, 19.7512, 20.0951



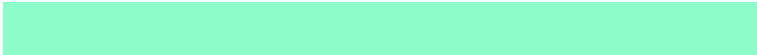
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.3397, 79.5038, 67.6360



53.0997, 79.3482, 62.9120



62.2175, 80.0138, 104.2643



17.4098, 19.4662, 20.3584



20.5313, 37.2255, 18.6728



1.9551, 3.4691, 2.0113

Inverse Universe

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



59.1868, 43.5528, 55.1591



56.3765, 38.0321, 48.5973



55.0345, 42.7795, 30.5569



17.5763, 17.3579, 19.6247



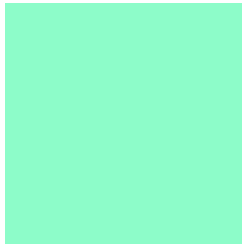
22.6201, 11.4638, 9.9738



2.1478, 1.0829, 1.2019

Previews

White Background



This preview shows how the XYZ color 56.3375, 79.5006, 67.6342 looks on a white background.

Color Contrast Check

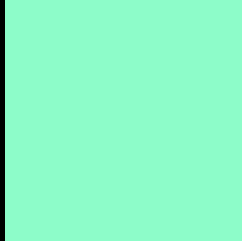
Large Text (above 18pt) WCAG AA × Fail

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 56.3375, 79.5006, 67.6342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

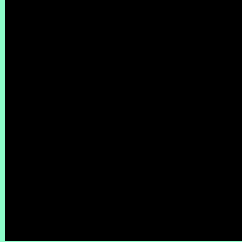
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3375, 79.5006, 67.6342

Background



This preview shows how black text looks on a background with the XYZ color 56.3375, 79.5006, 67.6342.



This preview shows how white text looks on a background with the XYZ color 56.3375, 79.5006,

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

56.3375, 79.5006, 67.6342

Protanopia

73.8226, 78.5900, 59.4226

Deuteranopia

79.1191, 78.2057, 72.5532



Tritanopia

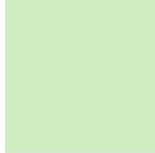
67.8005, 79.1239, 106.3067

Trichromacy



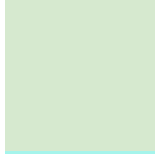
Original Color

56.3375, 79.5006, 67.6342



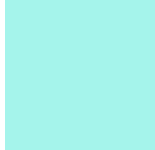
Protanomaly

65.0867, 77.3978, 61.9609



Deuteranomaly

68.1330, 77.0790, 70.3182



Tritanomaly

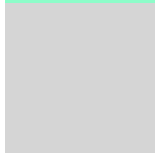
62.8631, 78.6989, 90.4744

Monochromacy



Original Color

56.3375, 79.5006, 67.6342



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.4712, 70.1064, 70.7190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3375, 79.5006, 67.6342 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(141, 252, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 252, 201)  
}
```

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(141, 252, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 252, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.3375, 79.5006, 67.6342 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(141, 252, 201) }
```


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

```
.border{ border-color:rgb(141, 252, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 252, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 252, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 252, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 252,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3375, 79.5006, 67.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 252, 201) }
```

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

```
.background{ background-color: rgb(141,  
252, 201) }
```

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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