

Converting Colors

XYZ(56.5275, 78.4833, 56.2679)

Have a look what the booklet for
XYZ(56.5275, 78.4833, 56.2679)
contains.

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Color

**XYZ(56.6173, 78.4997,
56.4239)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF9B6
RGB	159, 249, 182
RGB Percent	62%, 98%, 71%
CMY	0.3765, 0.0235, 0.2863
CMYK	0.36, 0.00, 0.27, 0.02
HSL	135°, 88%, 80%
HSV	135°, 36%, 98%
XYZ	56.6173, 78.4997, 56.4239
YIQ	214.4520, -32.1330, -39.9170

Conversions

Conversions Part 2

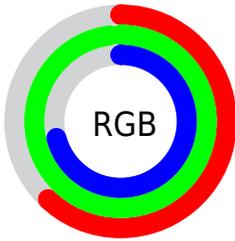
Format	Color
RYB	159, 231, 249
Decimal	10484150
CIELab	91.01, -40.54, 23.85
CIElCh	91, 47.034, 149.528
Yxy	78.4997, 0.2956, 0.4098
Android (android.graphics.Color)	4288674230 (0xFF9FF9B6)
YUV	214.4520, -15.9988, -48.6314
Hunter-Lab	88.6001, -40.9848, 24.2619

Details

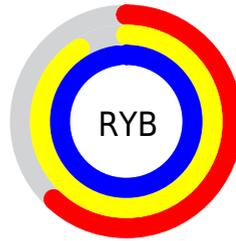
The XYZ color **56.6173, 78.4997, 56.4239** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1952, 50.4288, 78.2523**, and the grayscale version is **64.3428, 67.6937, 73.7184**.

A 20% lighter version of the original color is **79.5115, 92.2920, 94.5124**, and **28.5210, 42.2273, 27.4164** is the 20% darker color. If you saturate the color by 10%, you get **50.3775, 75.4921, 46.7855**, and if you desaturate by 10%, it is **64.1095, 82.1280, 67.4481**.

Distribution



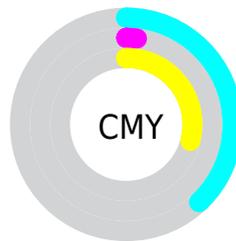
- Red (62%)
- Green (98%)
- Blue (71%)



- Red (62%)
- Yellow (91%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6173, 78.4997, 56.4239 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 56.6173, 78.4997, 56.4239 by changing the saturation by 10% instead.

 56.6173, 78.4997,
56.4239

 56.6173, 78.4997,
56.4239

402.0511,
489.8622, 428.7202

 40.9370, 58.4846,
40.1366

 99.0411, 131.2543,
101.1161

 28.4573, 42.1983,
27.3305

 126.5154,
164.7626, 130.3580

 18.8129, 29.2566,
17.5870

158.6517,
203.5373, 164.7553

 11.6384, 19.2750,
10.4875

195.8154,
247.9629, 204.7264

 6.5684, 11.8692,
5.6135

238.3718,
298.4238, 250.6899

 3.2376, 6.6547,
2.5466

286.6864,

 1.2806, 3.2471,

355.3044, 303.0644

0.8647

341.1243,
418.9891, 362.2683

 0.1686, 1.2620,
0.0000

 0.0000, 0.1115,
0.0000

 56.6173, 78.4997,
56.4239

 56.6173, 78.4997,
56.4239

 50.3775, 75.4921,
46.7855

 64.1095, 82.1280,
67.4481

 45.3139, 73.0604,
38.4728

 72.9122, 86.3994,
79.9046

 41.3515, 71.1695,
31.4288

 83.0874, 91.3470,
93.8442

 38.4036, 69.7760,
25.5906

 93.1672, 96.2343,
108.2724

■ 36.3700, 68.8296,
20.8896

■ 35.1276, 68.2684,
17.2499

■ 34.7922, 68.1204,
16.1108

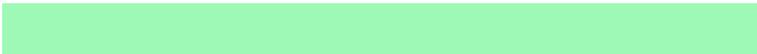
Harmonies

Analogous

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



63.9180, 78.4997, 40.2778



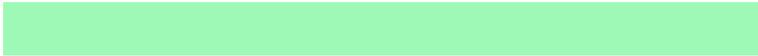
56.6173, 78.4997, 56.4239



54.0354, 78.4997, 84.9359

Triad

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



56.6173, 78.4997, 56.4239



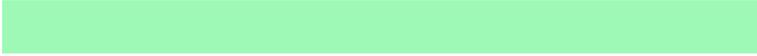
74.4239, 78.4997, 168.9205



96.2865, 78.4997, 57.1335

Complementary

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



56.6173, 78.4997, 56.4239



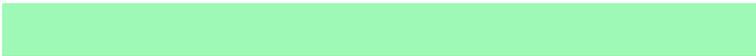
65.1952, 50.4288, 78.2523

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.



99.8427, 78.4997, 86.0121



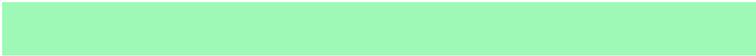
56.6173, 78.4997, 56.4239



86.4360, 78.4997, 155.9019

Square

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



56.6173, 78.4997, 56.4239



63.6249, 78.4997, 155.1000



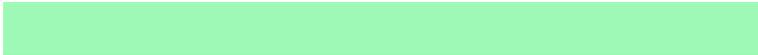
96.0640, 78.4997, 123.0930



86.7955, 78.4997, 40.6045

Rectangle

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



56.6173, 78.4997, 56.4239



55.1006, 78.4997, 109.2393



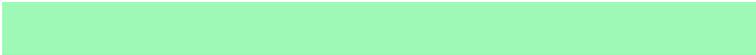
96.0640, 78.4997, 123.0930



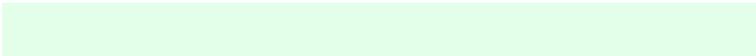
98.2576, 78.4997, 65.4306

Sweetspot

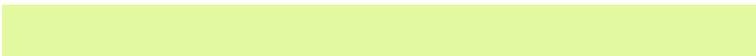
The Sweet Spot groups the original color and five complimentary colors.



56.6194, 78.5030, 56.4257



82.2911, 93.7901, 91.6971



71.6577, 86.5080, 45.7227



17.3040, 19.9244, 19.2020



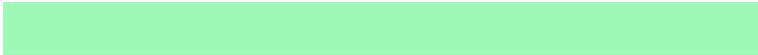
0.0000, 0.0000, 0.0000



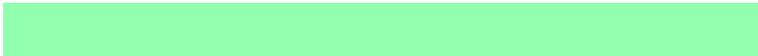
20.3446, 21.4041, 23.3091

Same Dimension

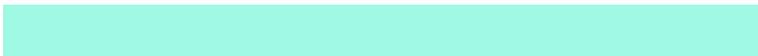
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6194, 78.5030, 56.4257



55.0776, 80.6031, 52.3788



61.9724, 80.6442, 84.6143



17.1994, 19.3820, 19.2505



18.6712, 36.4815, 8.8780



1.7703, 3.3952, 1.0383

Inverse Universe

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



65.1952, 50.4288, 78.2523



65.2812, 47.1628, 78.3203



59.8593, 48.2944, 50.1538



17.7925, 17.4443, 20.7628



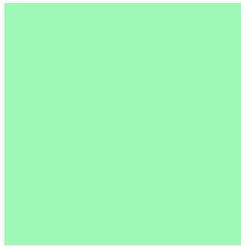
25.6808, 12.6881, 26.0914



2.4213, 1.1923, 2.6421

Previews

White Background



This preview shows how the XYZ color 56.6173, 78.4997, 56.4239 looks on a white background.

Color Contrast Check

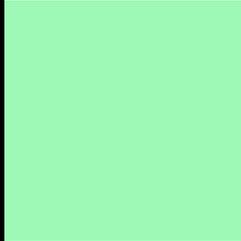
Large Text (above 18pt) WCAG AA × Fail

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 56.6173, 78.4997, 56.4239 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 56.6173, 78.4997, 56.4239

Background



This preview shows how black text looks on a background with the XYZ color 56.6173, 78.4997, 56.4239.



This preview shows how white text looks on a background with the XYZ color 56.6173, 78.4997,

56.4239.

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





Tritanopia

67.9159, 78.3142, 106.1443

Trichromacy



Original Color

56.6173, 78.4997, 56.4239



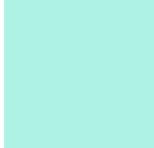
Protanomaly

65.2725, 77.2716, 52.5490



Deuteranomaly

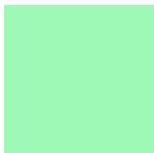
67.9975, 76.7791, 61.6881



Tritanomaly

63.2113, 78.1044, 85.1429

Monochromacy



Original Color

56.6173, 78.4997, 56.4239



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.3779, 70.6718, 66.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6173, 78.4997, 56.4239 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(159, 249, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 249, 182)  
}
```

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(159, 249, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 249, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.6173, 78.4997, 56.4239 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(159, 249, 182) }
```

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

```
.border{ border-color:rgb(159, 249, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 249, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 249, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 249, 182); box-shadow:4px 4px 4px 4px rgb(159, 249, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6173, 78.4997, 56.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 249, 182) }
```

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

```
.background{ background-color: rgb(159,  
249, 182) }
```

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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