

Converting Colors

XYZ(56.9984, 75.7536, 61.1733)

Have a look what the booklet for
XYZ(56.9984, 75.7536, 61.1733)
contains.

XYZ(56.9716, 75.8621, 60.9303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.9716, 75.8621,
60.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F3BF
RGB	165, 243, 191
RGB Percent	65%, 95%, 75%
CMY	0.3529, 0.0470, 0.2510
CMYK	0.32, 0.00, 0.21, 0.05
HSL	140°, 76%, 80%
HSV	140°, 32%, 95%
XYZ	56.9716, 75.8621, 60.9303
YIQ	213.7500, -29.7960, -32.7080

Conversions

Conversions Part 2

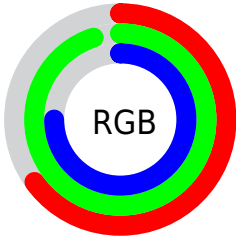
Format	Color
RYB	165, 224, 243
Decimal	10875839
CIELab	89.80, -34.44, 17.59
CIELCh	90, 38.671, 152.937
Yxy	75.8621, 0.2940, 0.3915
Android (android.graphics.Color)	4289065919 (0xFFA5F3BF)
YUV	213.7500, -11.2157, -42.7537
Hunter-Lab	87.0989, -35.6656, 19.4927

Details

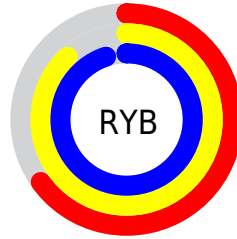
The XYZ color **56.9716, 75.8621, 60.9303** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.9442, 50.9764, 72.1707**, and the grayscale version is **63.8374, 67.1619, 73.1394**.

A 20% lighter version of the original color is **82.6727, 93.7650, 101.7368**, and **28.5047, 40.2390, 29.9315** is the 20% darker color. If you saturate the color by 10%, you get **50.7042, 72.8280, 51.8401**, and if you desaturate by 10%, it is **64.4006, 79.4765, 71.1076**.

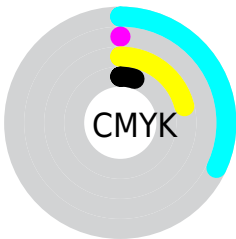
Distribution



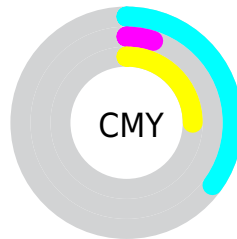
- Red (65%)
- Green (95%)
- Blue (75%)



- Red (65%)
- Yellow (88%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (35%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9716, 75.8621, 60.9303 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 56.9716, 75.8621, 60.9303 by changing the saturation by 10% instead.


 56.9716, 75.8621,
60.9303


 56.9716, 75.8621,
60.9303

403.3588,
480.8755, 445.9179

 41.2225, 56.3194,
43.7387


 99.5553, 127.5320,
107.7346

 28.6814, 40.4591,
30.1295


 127.1207,
160.4279, 138.1843

 18.9830, 27.8967,
19.6840


159.3555,
198.5438, 173.8906

 11.7619, 18.2478,
11.9838

196.6251,
242.2640, 215.2718

 6.6528, 11.1280,
6.6102

239.2949,
291.9729, 262.7466

 3.2903, 6.1530,
3.1448


287.7302,


 1.3091, 2.9383,


348.0548, 316.7336


1.1691


342.2964,
410.8942, 377.6511

 0.1900, 1.0996,
0.0000


 0.0000, 0.0000,
0.0000


 56.9716, 75.8621,
60.9303


 56.9716, 75.8621,
60.9303


 50.7042, 72.8280,
51.8401

 64.4006, 79.4765,
71.1076


 45.5313, 70.3340,
43.7957

 73.0415, 83.6900,
82.4014

 41.3883, 68.3496,
36.7605

 82.9488, 88.5322,
94.8463

 38.2008, 66.8373,
30.6938

 91.3420, 92.5841,
107.6640

■ 35.8838, 65.7543,
25.5522

■ 34.3358, 65.0491,
21.2884

■ 33.5372, 64.6981,
18.5048

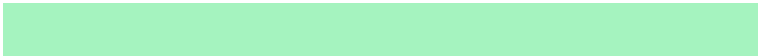
Harmonies

Analogous

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



62.5834, 75.8621, 45.8892



56.9716, 75.8621, 60.9303



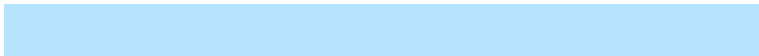
55.2924, 75.8621, 85.3226

Triad

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



56.9716, 75.8621, 60.9303



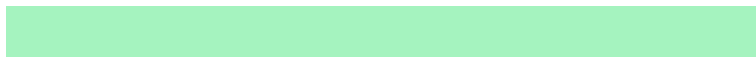
73.0488, 75.8621, 146.9610



88.6219, 75.8621, 57.2021

Complementary

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



56.9716, 75.8621, 60.9303



62.9442, 50.9764, 72.1707

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.



92.0200, 75.8621, 79.9378



56.9716, 75.8621, 60.9303



82.5458, 75.8621, 135.0033

Square

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



56.9716, 75.8621, 60.9303



64.0766, 75.8621, 138.7734



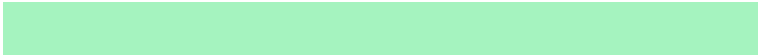
89.7050, 75.8621, 108.8825



80.7767, 75.8621, 44.0937

Rectangle

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



56.9716, 75.8621, 60.9303



56.4960, 75.8621, 104.8140



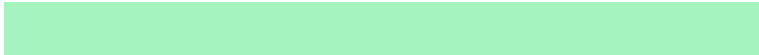
89.7050, 75.8621, 108.8825



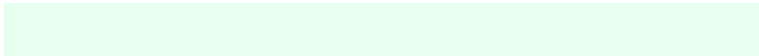
90.3520, 75.8621, 63.7713

Sweetspot

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



56.9736, 75.8653, 60.9320



83.6655, 94.4334, 94.7066



67.8481, 81.7730, 47.8060



17.5902, 20.0575, 19.8666



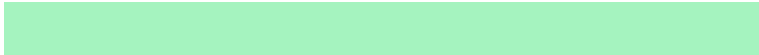
0.0000, 0.0000, 0.0000



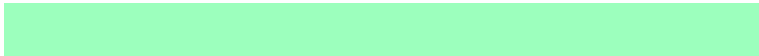
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9736, 75.8653, 60.9320



58.5360, 82.2042, 60.7548



61.6710, 77.7442, 85.6681



16.5100, 18.5631, 18.7041



18.4613, 35.5294, 10.4492



1.6683, 3.1410, 1.1593

Inverse Universe

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



62.9442, 50.9764, 72.1707



66.2179, 50.1521, 75.1928



58.5866, 49.2334, 49.2235



16.9651, 16.6689, 19.5627



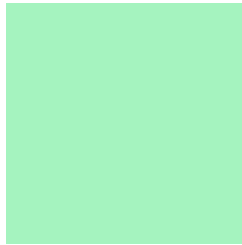
23.9307, 11.9157, 20.1412



2.1508, 1.0663, 2.0207

Previews

White Background



This preview shows how the XYZ color 56.9716, 75.8621, 60.9303 looks on a white background.

Color Contrast Check

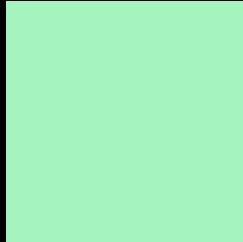
Large Text (above 18pt) WCAG AA × Fail

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 56.9716, 75.8621, 60.9303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

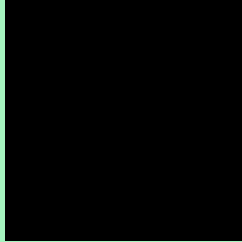
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9716, 75.8621, 60.9303

Background



This preview shows how black text looks on a background with the XYZ color 56.9716, 75.8621, 60.9303.



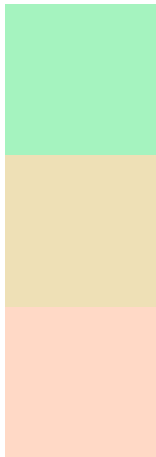
This preview shows how white text looks on a background with the XYZ color 56.9716, 75.8621, 60.9303.

60.9303.

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

56.9716, 75.8621, 60.9303

Protanopia

70.3590, 74.8659, 54.9982

Deuteranopia

76.2459, 74.9629, 63.8768



Tritanopia

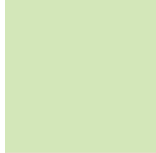
65.7981, 75.9735, 104.1249

Trichromacy



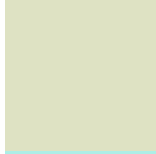
Original Color

56.9716, 75.8621, 60.9303



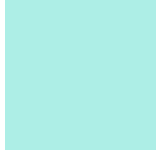
Protanomaly

64.1968, 74.5035, 56.8960



Deuteranomaly

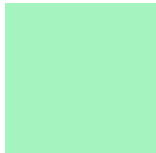
67.1709, 73.8624, 62.3464



Tritanomaly

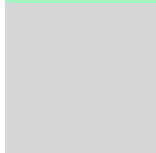
62.0910, 75.7465, 86.2109

Monochromacy



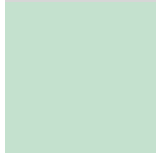
Original Color

56.9716, 75.8621, 60.9303



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.8307, 70.0424, 68.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9716, 75.8621, 60.9303 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(165, 243, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 243, 191)  
}
```

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(165, 243, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 243, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.9716, 75.8621, 60.9303 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(165, 243, 191) }
```


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

```
.border{ border-color:rgb(165, 243, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 243, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 243, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 243, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 243,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9716, 75.8621, 60.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 243, 191) }
```

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

```
.background{ background-color: rgb(165,  
243, 191) }
```

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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