

Converting Colors

XYZ(56.9451, 74.9241, 76.0003)

Have a look what the booklet for
XYZ(56.9451, 74.9241, 76.0003)
contains.

XYZ(56.9668, 75.0860, 75.7806)	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(56.9668, 75.0860,
75.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	98F2D7
RGB	152, 242, 215
RGB Percent	60%, 95%, 84%
CMY	0.4039, 0.0510, 0.1569
CMYK	0.37, 0.00, 0.11, 0.05
HSL	162°, 78%, 77%
HSV	162°, 37%, 95%
XYZ	56.9668, 75.0860, 75.7806
YIQ	212.0120, -44.9730, -27.4770

Conversions

Conversions Part 2

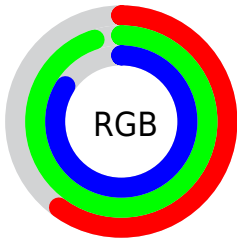
Format	Color
RYB	152, 205, 242
Decimal	10023639
CIELab	89.43, -32.89, 4.54
CIELCh	89, 33.201, 172.139
Yxy	75.0860, 0.2741, 0.3613
Android (android.graphics.Color)	4288213719 (0xFF98F2D7)
YUV	212.0120, 1.4731, -52.6305
Hunter-Lab	86.6522, -34.2920, 8.8052

Details

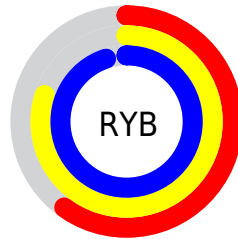
The XYZ color **56.9668, 75.0860, 75.7806** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.9855, 44.5904, 48.3068**, and the grayscale version is **62.6010, 65.8611, 71.7227**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **28.5180, 39.7228, 39.4219** is the 20% darker color. If you saturate the color by 10%, you get **51.9792, 72.6222, 70.7856**, and if you desaturate by 10%, it is **62.9241, 78.0488, 81.0404**.

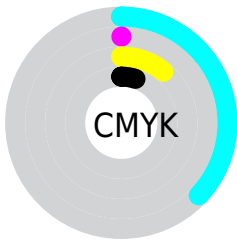
Distribution



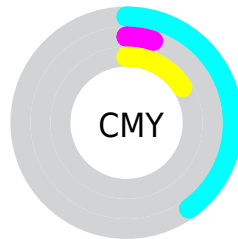
- Red (60%)
- Green (95%)
- Blue (84%)



- Red (60%)
- Yellow (80%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)




- Cyan (40%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9668, 75.0860, 75.7806 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 56.9668, 75.0860, 75.7806 by changing the saturation by 10% instead.


 56.9668, 75.0860,
75.7806


 56.9668, 75.0860,
75.7806


403.3411,
478.2131, 499.9231

 41.2186, 55.6833,
55.7470

 99.5484, 126.4341,
129.1740

 28.6784, 39.9491,
39.5975


 127.1125,
159.1483, 163.3709

 18.9807, 27.4989,
26.9135


159.3460,
197.0685, 203.1259

 11.7603, 17.9482,
17.2764

196.6141,
240.5791, 248.8578

 6.6517, 10.9128,
10.2677

239.2824,
290.0645, 300.9848

 3.2896, 6.0082,
5.4689

287.7161,

 1.3087, 2.8501,

345.9090, 359.9257

2.4614

342.2805,
408.4971, 426.0990

■ 0.1897, 1.0540,
0.8196

■ 0.0000, 0.0000,
0.0000

■ 56.9668, 75.0860,
75.7806

■ 56.9668, 75.0860,
75.7806

■ 51.9792, 72.6222,
70.7856

■ 62.9241, 78.0488,
81.0404

■ 47.8979, 70.6189,
66.0448

■ 69.8970, 81.5284,
86.5650

■ 44.6616, 69.0466,
61.5541

■ 77.9361, 85.5528,
92.3611

■ 42.1986, 67.8683,
57.3073

■ 87.0868, 90.1452,
98.4334

■ 40.4248, 67.0408,
53.2976

■ 90.4543, 91.7513,
104.4618

■ 39.2311, 66.5078,
49.5167

■ 91.0435, 91.9870,
107.5645

■ 38.9523, 66.3865,
48.4929

Harmonies

Analogous

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



59.7166, 75.0860, 57.2290



56.9668, 75.0860, 75.7806



57.8370, 75.0860, 99.8258

Triad

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



56.9668, 75.0860, 75.7806



77.4252, 75.0860, 130.6649



81.4039, 75.0860, 51.2441

Complementary

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



56.9668, 75.0860, 75.7806



55.9855, 44.5904, 48.3068

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.



86.8578, 75.0860, 66.0098



56.9668, 75.0860, 75.7806



84.4419, 75.0860, 112.4467

Square

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



56.9668, 75.0860, 75.7806



69.2489, 75.0860, 134.6436



88.0098, 75.0860, 88.0373



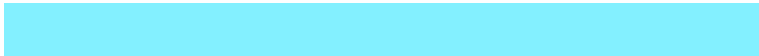
73.5278, 75.0860, 44.9252

Rectangle

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



56.9668, 75.0860, 75.7806



60.3854, 75.0860, 115.6440



88.0098, 75.0860, 88.0373



83.6052, 75.0860, 55.2335

Sweetspot

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



56.9689, 75.0890, 75.7823



84.1472, 94.5325, 101.4713



56.3610, 75.5379, 41.3168



17.7458, 20.1011, 21.5287



0.0000, 0.0000, 0.0000



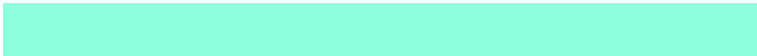
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9689, 75.0890, 75.7823



59.6116, 82.3149, 80.8547



56.0389, 67.2102, 94.0273



16.0336, 17.8435, 19.1997



20.9878, 35.6872, 26.3826



1.7897, 2.9863, 2.4250

Inverse Universe

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



55.9855, 44.5904, 48.3068



58.3609, 43.1718, 45.6487



56.3830, 49.3366, 36.2582



15.9680, 15.8369, 17.3875



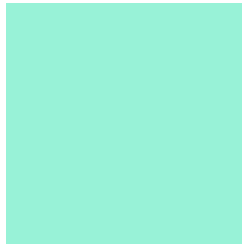
20.3631, 10.4177, 4.5626



1.7363, 0.8836, 0.6025

Previews

White Background



This preview shows how the XYZ color 56.9668, 75.0860, 75.7806 looks on a white background.

Color Contrast Check

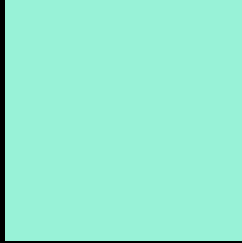
Large Text (above 18pt) WCAG AA × Fail

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 56.9668, 75.0860, 75.7806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

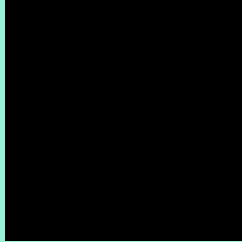
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9668, 75.0860, 75.7806

Background



This preview shows how black text looks on a background with the XYZ color 56.9668, 75.0860, 75.7806.



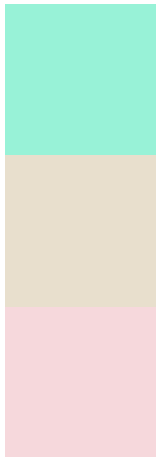
This preview shows how white text looks on a background with the XYZ color 56.9668, 75.0860,

75.7806.

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

56.9668, 75.0860, 75.7806

Protanopia

70.6858, 74.3389, 68.3809

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

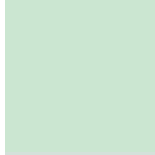
62.9457, 74.8923, 105.7458

Trichromacy



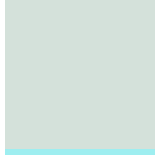
Original Color

56.9668, 75.0860, 75.7806



Protanomaly

64.4340, 73.8936, 71.1885



Deuteranomaly

66.7315, 72.9094, 76.8855



Tritanomaly

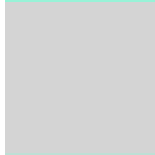
60.4033, 74.7094, 93.6749

Monochromacy



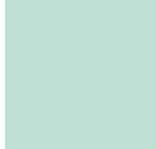
Original Color

56.9668, 75.0860, 75.7806



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.6331, 68.5266, 73.0347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9668, 75.0860, 75.7806 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(152, 242, 215)` looks like.

```
.text, #text, p{  
    color:rgb(152, 242, 215)  
}
```

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(152, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 242, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.9668, 75.0860, 75.7806 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(152, 242, 215) }
```


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

```
.border{ border-color:rgb(152, 242, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 242, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(152, 242,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9668, 75.0860, 75.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 242, 215) }
```

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

```
.background{ background-color: rgb(152,  
242, 215) }
```

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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