

Converting Colors

XYZ(69.5096, 87.5901, 73.5200)

Have a look what the booklet for
XYZ(69.5096, 87.5901, 73.5200)
contains.

XYZ(69.5168, 87.5928, 73.5648)	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(69.5168, 87.5928,
73.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFD1
RGB	194, 255, 209
RGB Percent	76%, 100%, 82%
CMY	0.2392, 0.0000, 0.1804
CMYK	0.24, 0.00, 0.18, 0.00
HSL	135°, 100%, 88%
HSV	135°, 24%, 100%
XYZ	69.5168, 87.5928, 73.5648
YIQ	231.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

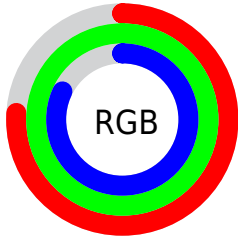
Format	Color
RYB	194, 243, 255
Decimal	12779473
CIELab	94.99, -27.91, 15.86
CIELCh	95, 32.104, 150.384
Yxy	87.5928, 0.3014, 0.3797
Android (android.graphics.Color)	4290969553 (0xFFC2FFD1)
YUV	231.5170, -11.1009, -32.9024
Hunter-Lab	93.5910, -31.1995, 18.9103

Details

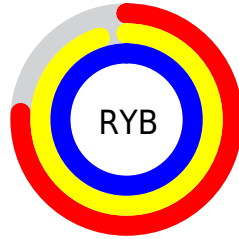
The XYZ color **69.5168, 87.5928, 73.5648** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.2603, 66.1356, 91.1839**, and the grayscale version is **76.4323, 80.4127, 87.5695**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **36.6743, 48.2102, 37.9444** is the 20% darker color. If you saturate the color by 10%, you get **61.2850, 83.6078, 61.4930**, and if you desaturate by 10%, it is **79.1604, 92.2723, 87.2054**.

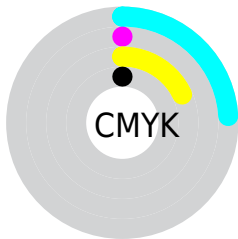
Distribution



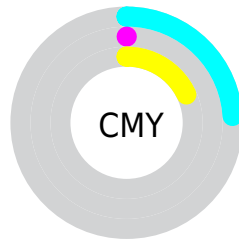
- Red (76%)
- Green (100%)
- Blue (82%)



- Red (76%)
- Yellow (95%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5168, 87.5928, 73.5648 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 69.5168, 87.5928, 73.5648 by changing the saturation by 10% instead.


 69.5168, 87.5928,
73.5648

 69.5168, 87.5928,
73.5648


448.1445,
520.1688, 492.0932

 51.4109, 65.9859,
53.9433


 117.5495,
143.9901, 126.0070

 36.7581, 48.2609,
38.1635


148.2069,
179.5493, 159.6648

 25.1931, 34.0336,
25.8068


183.7789,
220.5281, 198.8385

 16.3504, 22.9194,
16.4547

224.6308,
267.3107, 243.9465

 9.8649, 14.5340,
9.6886

271.1279,
320.2818, 295.4074

 5.3710, 8.4930,
5.0901

323.6357,

 2.5035, 4.4120,

379.8255, 353.6398

2.2406

382.5194,
446.3264, 419.0622

■ 0.8970, 1.9066,
0.6976

■ 0.0000, 0.5523,
0.0000

■ 69.5168, 87.5928,
73.5648

■ 69.5168, 87.5928,
73.5648

■ 61.2850, 83.6078,
61.4930

■ 79.1604, 92.2723,
87.2054

■ 54.3953, 80.2827,
50.9296

■ 90.2765, 97.6767,
102.4641

■ 48.7752, 77.5814,
41.8163

95.0500, 100.0000,
108.9000

■ 44.3445, 75.4637,
34.0892

■ 41.0133, 73.8848,
27.6799

■ 38.6782, 72.7929,
22.5140

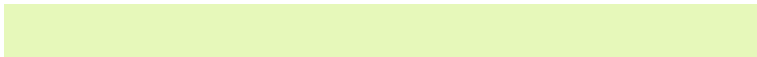
■ 37.2148, 72.1256,
18.5093

■ 36.6491, 71.8756,
16.6017

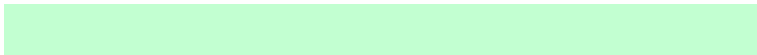
Harmonies

Analogous

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



75.0613, 87.5928, 59.6690



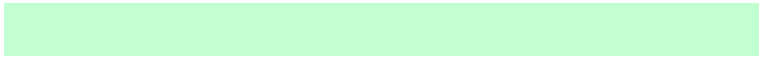
69.5168, 87.5928, 73.5648



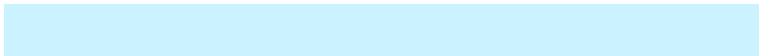
67.5936, 87.5928, 95.6961

Triad

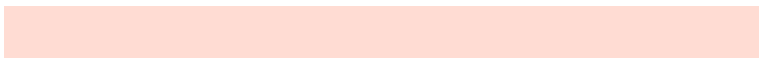
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5168, 87.5928, 73.5648



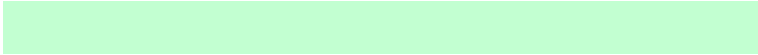
83.3669, 87.5928, 151.8768



98.5661, 87.5928, 73.0966

Complementary

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



69.5168, 87.5928, 73.5648



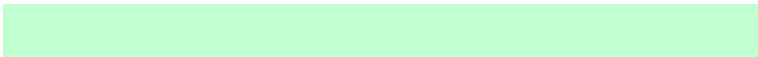
76.2603, 66.1356, 91.1839

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.



101.1645, 87.5928, 95.0519



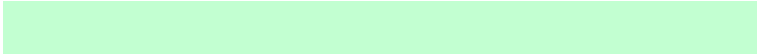
69.5168, 87.5928, 73.5648



92.0229, 87.5928, 143.0638

Square

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



69.5168, 87.5928, 73.5648



75.2432, 87.5928, 143.4864



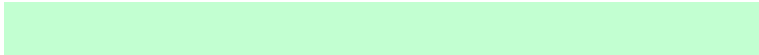
98.6920, 87.5928, 121.1158



91.8148, 87.5928, 59.4337

Rectangle

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



69.5168, 87.5928, 73.5648



68.5108, 87.5928, 113.0895



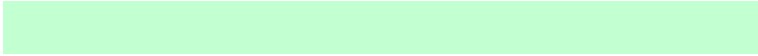
98.6920, 87.5928, 121.1158



99.9744, 87.5928, 79.6119

Sweetspot

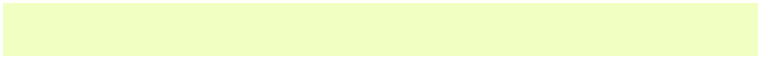
The Sweet Spot groups the original color and five complimentary colors.



69.5175, 87.5931, 73.5662



86.6931, 95.9335, 97.5901



81.6940, 94.0749, 64.8926



18.4091, 20.4624, 20.6877



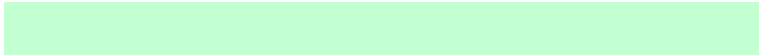
0.0000, 0.0000, 0.0000



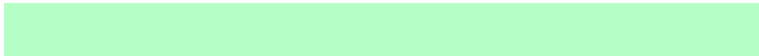
20.3446, 21.4041, 23.3091

Same Dimension

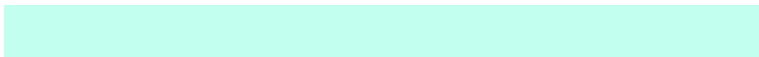
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5175, 87.5931, 73.5662



65.1639, 85.4843, 67.2418



73.5493, 89.2058, 94.7973



17.9547, 20.2414, 20.0645



19.1991, 37.5762, 8.9337



1.9105, 3.6751, 1.0863

Inverse Universe

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



76.2603, 66.1356, 91.1839



73.0330, 60.4317, 87.7941



72.1985, 64.5109, 69.7945



18.5905, 18.2195, 21.7268



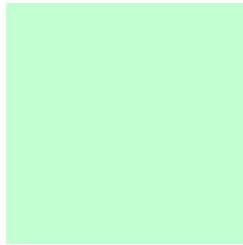
26.5996, 13.1291, 27.6056



2.6331, 1.2956, 2.9155

Previews

White Background



This preview shows how the XYZ color 69.5168, 87.5928, 73.5648 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 69.5168, 87.5928, 73.5648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

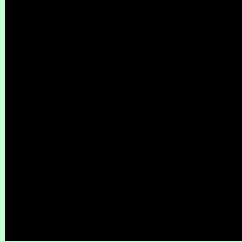
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

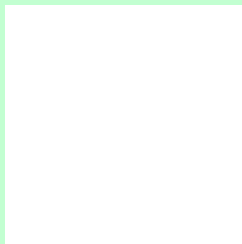
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5168, 87.5928, 73.5648

Background



This preview shows how black text looks on a background with the XYZ color 69.5168, 87.5928, 73.5648.



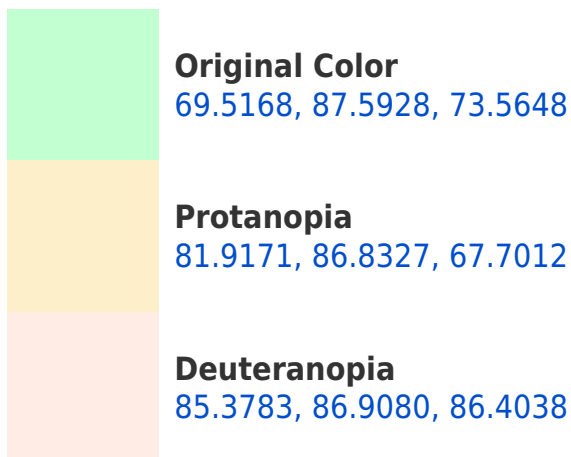
This preview shows how white text looks on a background with the XYZ color 69.5168, 87.5928,

73.5648.

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

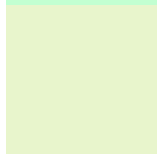
80.2195, 87.2935, 107.2291

Trichromacy



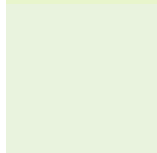
Original Color

69.5168, 87.5928, 73.5648



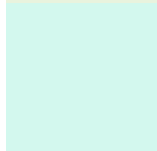
Protanomaly

76.8302, 86.8203, 69.8353



Deuteranomaly

78.8397, 86.6987, 81.6865



Tritanomaly

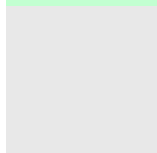
75.8640, 87.1567, 93.7134

Monochromacy



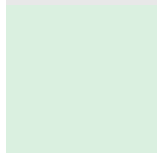
Original Color

69.5168, 87.5928, 73.5648



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.5281, 82.6074, 82.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5168, 87.5928, 73.5648 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(194, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 209)  
}
```

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(194, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.5168, 87.5928, 73.5648 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(194, 255, 209) }
```


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

```
.border{ border-color:rgb(194, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(194, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5168, 87.5928, 73.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 209) }
```

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

```
.background{ background-color: rgb(194,  
255, 209) }
```

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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