

Converting Colors

XYZ(59.7498, 74.1001, 70.8126)

Have a look what the booklet for
XYZ(59.7498, 74.1001, 70.8126)
contains.

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Color

**XYZ(59.7407, 74.0099,
70.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ECD0
RGB	178, 236, 208
RGB Percent	70%, 93%, 82%
CMY	0.3020, 0.0745, 0.1843
CMYK	0.25, 0.00, 0.12, 0.07
HSL	151°, 60%, 81%
HSV	151°, 25%, 93%
XYZ	59.7407, 74.0099, 70.8112
YIQ	215.4660, -25.5800, -21.0040

Conversions

Conversions Part 2

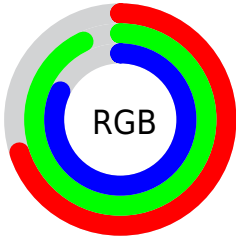
Format	Color
RYB	178, 216, 236
Decimal	11726032
CIELab	88.93, -23.97, 7.63
CIElCh	89, 25.158, 162.344
Yxy	74.0099, 0.2920, 0.3618
Android (android.graphics.Color)	4289916112 (0xFFB2ECD0)
YUV	215.4660, -3.6807, -32.8577
Hunter-Lab	86.0290, -26.5959, 11.4182

Details

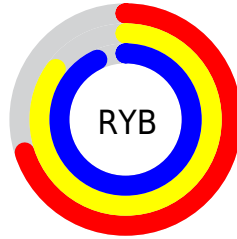
The XYZ color **59.7407, 74.0099, 70.8112** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6556, 54.1317, 65.5945**, and the grayscale version is **64.9455, 68.3277, 74.4088**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.4662, 39.2607, 36.5442** is the 20% darker color. If you saturate the color by 10%, you get **53.4329, 70.9164, 63.4601**, and if you desaturate by 10%, it is **67.0849, 77.6301, 78.7397**.

Distribution



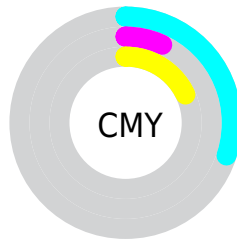
- Red (70%)
- Green (93%)
- Blue (82%)



- Red (70%)
- Yellow (85%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)





- Cyan (30%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7407, 74.0099, 70.8112 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 59.7407, 74.0099, 70.8112 by changing the saturation by 10% instead.


 59.7407, 74.0099,
70.8112

 59.7407, 74.0099,
70.8112


413.4914,
474.5075, 482.2590

 43.4583, 54.8021,
51.7073


 103.5619,
124.9098, 122.0568

 30.4410, 39.2433,
36.3912


131.8315,
157.3708, 155.0355

 20.3233, 26.9491,
24.4444


164.8275,
195.0183, 193.4763

 12.7399, 17.5350,
15.4483

202.9152,
238.2367, 237.7976

 7.3254, 10.6167,
8.9845

246.4602,
287.4105, 288.4179

 3.7146, 5.8097,
4.6344


295.8276,

 1.5420, 2.7297,

342.9239, 345.7560

1.9794

351.3829,
405.1615, 410.2301


 0.3541, 0.9923,
0.5426


 0.0000, 0.0000,
0.0000


 59.7407, 74.0099,
70.8112


 59.7407, 74.0099,
70.8112


 53.4329, 70.9164,
63.4601


 67.0849, 77.6301,
78.7397

 48.1057, 68.3149,
56.6681

 75.5056, 81.7914,
87.2535

 43.7068, 66.1808,
50.4230

 85.0483, 86.5191,
96.3665

 40.1768, 64.4838,
44.7104

 89.0586, 88.3823,
105.7773

■ 37.4488, 63.1897,
39.5149

■ 89.2868, 88.4736,
106.9789

■ 35.4453, 62.2587,
34.8202

■ 34.0722, 61.6426,
30.6089

■ 33.5137, 61.4004,
28.5186

Harmonies

Analogous

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



62.7297, 74.0099, 58.2020



59.7407, 74.0099, 70.8112



59.4885, 74.0099, 87.9869

Triad

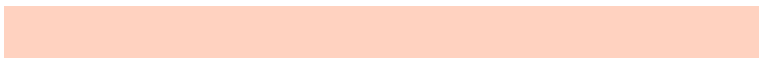
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7407, 74.0099, 70.8112



72.8836, 74.0099, 118.0901



79.3823, 74.0099, 59.9940

Complementary

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



59.7407, 74.0099, 70.8112



61.6556, 54.1317, 65.5945

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.



82.4462, 74.0099, 73.6088



59.7407, 74.0099, 70.8112



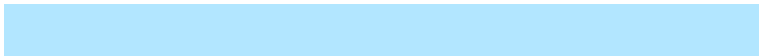
78.5512, 74.0099, 108.0746

Square

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



59.7407, 74.0099, 70.8112



66.8434, 74.0099, 117.0526



82.1335, 74.0099, 91.2174



73.9651, 74.0099, 52.6062

Rectangle

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



59.7407, 74.0099, 70.8112



60.8853, 74.0099, 99.9417



82.1335, 74.0099, 91.2174



80.7353, 74.0099, 63.9030

Sweetspot

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



59.7428, 74.0130, 70.8129



87.4285, 96.2277, 101.4626



63.4967, 76.3351, 53.5080



18.5792, 20.5304, 21.5834



0.0000, 0.0000, 0.0000



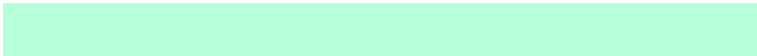
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7428, 74.0130, 70.8129



67.6533, 86.4800, 80.3503



63.2208, 74.9600, 90.4971



15.1936, 16.9923, 17.7025



18.5384, 33.8698, 16.0660



1.5043, 2.6790, 1.5175

Inverse Universe

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



61.6556, 54.1317, 65.5945



70.2662, 59.3249, 73.2240



58.7435, 53.2758, 49.3077



15.3684, 15.1752, 17.2254



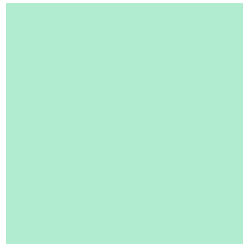
20.8048, 10.5246, 10.0394



1.6821, 0.8458, 1.0433

Previews

White Background



This preview shows how the XYZ color 59.7407, 74.0099, 70.8112 looks on a white background.

Color Contrast Check

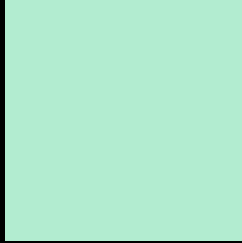
Large Text (above 18pt) WCAG AA × Fail

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 59.7407, 74.0099, 70.8112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

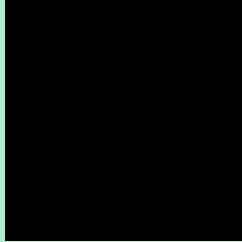
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

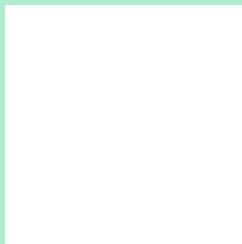
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7407, 74.0099, 70.8112

Background



This preview shows how black text looks on a background with the XYZ color 59.7407, 74.0099, 70.8112.

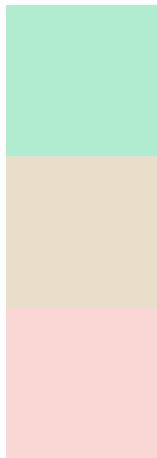


This preview shows how white text looks on a background with the XYZ color 59.7407, 74.0099,

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

59.7407, 74.0099, 70.8112

Protanopia

69.9426, 73.6154, 65.7812

Deuteranopia

74.8955, 73.3108, 72.4903



Tritanopia

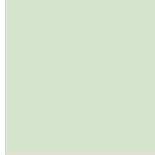
65.6454, 73.8723, 100.4214

Trichromacy



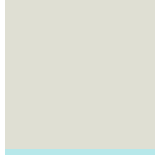
Original Color

59.7407, 74.0099, 70.8112



Protanomaly

65.5195, 73.2949, 67.8208



Deuteranomaly

68.5770, 73.1665, 72.1362



Tritanomaly

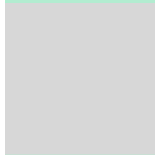
63.2363, 73.7210, 88.7386

Monochromacy



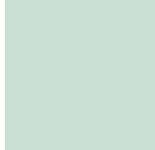
Original Color

59.7407, 74.0099, 70.8112



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.6285, 70.0854, 72.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7407, 74.0099, 70.8112 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(178, 236, 208)` looks like.

```
.text, #text, p{  
    color:rgb(178, 236, 208)  
}
```

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(178, 236, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 236, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.7407, 74.0099, 70.8112 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(178, 236, 208) }
```


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

```
.border{ border-color:rgb(178, 236, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 236, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 236, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 236, 208);  
box-shadow:4px 4px 4px 4px rgb(178, 236,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7407, 74.0099, 70.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 236, 208) }
```

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

```
.background{ background-color: rgb(178,  
236, 208) }
```

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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