

Converting Colors

XYZ(60.1486, 73.5634, 65.1975)

Have a look what the booklet for
XYZ(60.1486, 73.5634, 65.1975)
contains.

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Color

**XYZ(59.9813, 73.4083,
65.0407)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEAC7
RGB	186, 234, 199
RGB Percent	73%, 92%, 78%
CMY	0.2706, 0.0823, 0.2196
CMYK	0.21, 0.00, 0.15, 0.08
HSL	136°, 53%, 82%
HSV	136°, 21%, 92%
XYZ	59.9813, 73.4083, 65.0407
YIQ	215.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

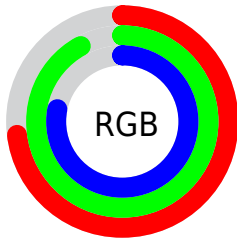
Format	Color
R _{YB}	186, 224, 234
Decimal	12249799
CIE _{Lab}	88.64, -22.17, 11.98
CIE _{LCh}	89, 25.200, 151.614
Y _{xy}	73.4083, 0.3023, 0.3699
Android (android.graphics.Color)	4290439879 (0xFFBAEAC7)
YUV	215.6580, -8.2124, -26.0101
Hunter-Lab	85.6786, -24.9746, 14.9666

Details

The XYZ color **59.9813, 73.4083, 65.0407** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.5443, 57.8324, 76.1707**, and the grayscale version is **65.1018, 68.4921, 74.5879**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.5469, 38.7907, 32.6654** is the 20% darker color. If you saturate the color by 10%, you get **52.8841, 69.9678, 54.9407**, and if you desaturate by 10%, it is **68.2357, 77.4237, 76.3577**.

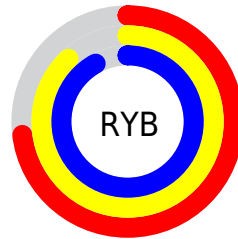
Distribution



Red (73%)

Green (92%)

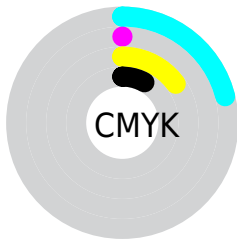
Blue (78%)



Red (73%)

Yellow (88%)

Blue (92%)

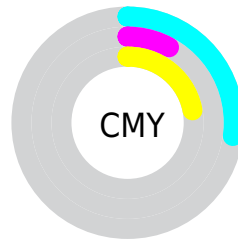


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (27%)


Magenta (8%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9813, 73.4083, 65.0407 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 59.9813, 73.4083, 65.0407 by changing the saturation by 10% instead.


 59.9813, 73.4083,
65.0407

 59.9813, 73.4083,
65.0407


414.3647,
472.4287, 461.2484

 43.6530, 54.3099,
47.0425


 103.9090,
124.0567, 113.7222

 30.5945, 38.8495,
32.7147


132.2392,
156.3754, 145.2426

 20.4406, 26.6426,
21.6386


165.3006,
193.8697, 182.1075

 12.8258, 17.3050,
13.3959

203.4587,
236.9240, 224.7355

 7.3849, 10.4522,
7.5678

247.0787,
285.9227, 273.5450

 3.7524, 5.6998,
3.7359


296.5262,


 1.5630, 2.6634,


341.2501, 328.9546


1.4816


352.1664,
403.2906, 391.3829

 0.3681, 0.9586,
0.2042


 0.0000, 0.0000,
0.0000


 59.9813, 73.4083,
65.0407


 59.9813, 73.4083,
65.0407

 52.8841, 69.9678,
54.9407

 68.2357, 77.4237,
76.3577


 46.8854, 67.0668,
46.0121

 77.6903, 82.0294,
88.9253

 41.9306, 64.6800,
38.2138

 87.9496, 87.0226,
102.7613

 37.9577, 62.7764,
31.5003

 88.7143, 87.3285,
106.7881

■ 34.8979, 61.3215,
25.8231

■ 32.6731, 60.2761,
21.1298

■ 31.1913, 59.5940,
17.3633

■ 30.3320, 59.2116,
14.5880

Harmonies

Analogous

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



63.8199, 73.4083, 54.6653



59.9813, 73.4083, 65.0407



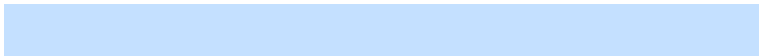
58.7232, 73.4083, 80.8765

Triad

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



59.9813, 73.4083, 65.0407



70.1024, 73.4083, 118.3001



80.2128, 73.4083, 63.6265

Complementary

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



59.9813, 73.4083, 65.0407



64.5443, 57.8324, 76.1707

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.



82.1273, 73.4083, 78.9892



59.9813, 73.4083, 65.0407



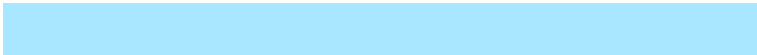
76.0840, 73.4083, 111.9782

Square

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



59.9813, 73.4083, 65.0407



64.3591, 73.4083, 113.1638



80.5749, 73.4083, 96.9322



75.4810, 73.4083, 53.9361

Rectangle

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



59.9813, 73.4083, 65.0407



59.4551, 73.4083, 92.9120



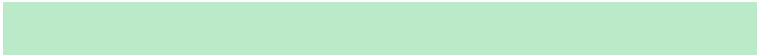
80.5749, 73.4083, 96.9322



81.2191, 73.4083, 68.2158

Sweetspot

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



59.9833, 73.4114, 65.0423



87.8988, 96.5150, 99.4600



68.1683, 77.7979, 57.8788



18.6544, 20.5804, 21.0759



0.0000, 0.0000, 0.0000



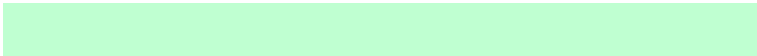
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9833, 73.4114, 65.0423



68.7574, 87.2083, 73.2162



62.9672, 74.6049, 80.7552



15.0359, 16.9292, 16.8718



17.0891, 33.2901, 8.4343



1.3810, 2.6297, 0.8684

Inverse Universe

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



64.5443, 57.8324, 76.1707



75.3191, 64.7882, 89.2206



61.5938, 56.6521, 60.6335



15.5306, 15.2401, 18.0795



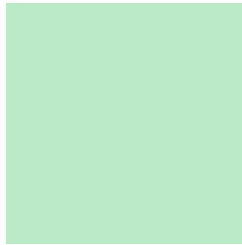
23.2338, 11.4962, 22.8305



1.8643, 0.9187, 2.0026

Previews

White Background



This preview shows how the XYZ color 59.9813, 73.4083, 65.0407 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 59.9813, 73.4083, 65.0407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

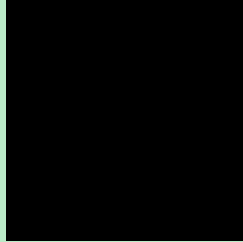
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9813, 73.4083, 65.0407

Background



This preview shows how black text looks on a background with the XYZ color 59.9813, 73.4083, 65.0407.



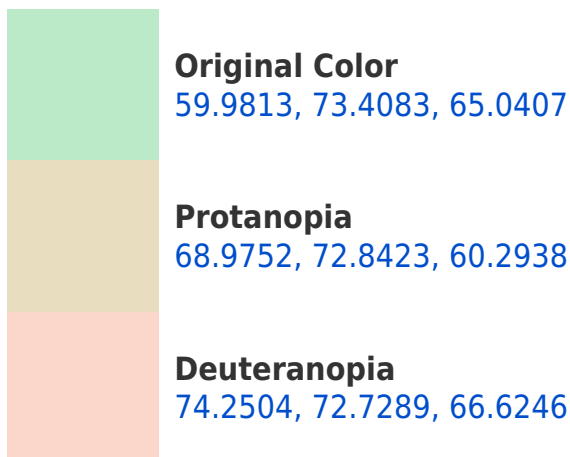
This preview shows how white text looks on a background with the XYZ color 59.9813, 73.4083,

65.0407.

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

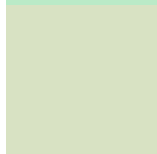
66.3518, 73.0613, 97.7939

Trichromacy



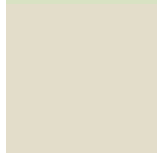
Original Color

59.9813, 73.4083, 65.0407



Protanomaly

65.3656, 72.9318, 62.2619



Deuteranomaly

68.1957, 72.3081, 66.2397



Tritanomaly

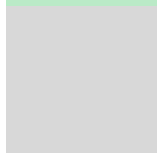
63.9255, 73.3271, 84.9131

Monochromacy



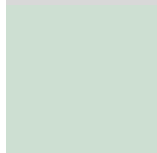
Original Color

59.9813, 73.4083, 65.0407



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.1974, 70.4076, 71.2319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9813, 73.4083, 65.0407 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(186, 234, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 234, 199)  
}
```

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(186, 234, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.9813, 73.4083, 65.0407 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(186, 234, 199) }
```


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

```
.border{ border-color:rgb(186, 234, 199) }
```

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

Here you see how a box with a 4 pixel rgb(186, 234, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9813, 73.4083, 65.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 199) }
```

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

```
.background{ background-color: rgb(186,  
234, 199) }
```

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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