

Converting Colors

XYZ(59.3673, 74.1927, 53.8395)

Have a look what the booklet for
XYZ(59.3673, 74.1927, 53.8395)
contains.

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Color

**XYZ(59.3673, 74.1927,
53.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	BEECB3
RGB	190, 236, 179
RGB Percent	75%, 93%, 70%
CMY	0.2549, 0.0745, 0.2980
CMYK	0.19, 0.00, 0.24, 0.07
HSL	108°, 60%, 81%
HSV	108°, 24%, 93%
XYZ	59.3673, 74.1927, 53.8395
YIQ	215.7480, -9.1190, -27.4790

Conversions

Conversions Part 2

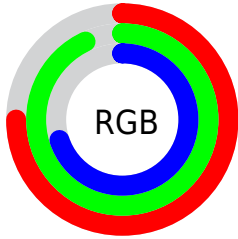
Format	Color
RYB	179, 236, 225
Decimal	12512435
CIELab	89.01, -25.24, 22.90
CIElCh	89, 34.083, 137.776
Yxy	74.1927, 0.3168, 0.3959
Android (android.graphics.Color)	4290702515 (0xFFBEECB3)
YUV	215.7480, -18.1168, -22.5810
Hunter-Lab	86.1352, -27.7083, 23.2349

Details

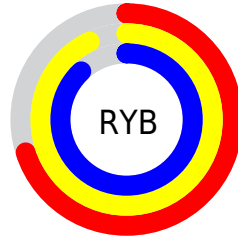
The XYZ color **59.3673, 74.1927, 53.8395** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.3150, 54.3061, 86.5586**, and the grayscale version is **65.2242, 68.6209, 74.7282**.

A 20% lighter version of the original color is **89.1132, 97.2923, 92.6798**, and **30.2405, 39.3831, 25.7465** is the 20% darker color. If you saturate the color by 10%, you get **52.7317, 71.0267, 42.1178**, and if you desaturate by 10%, it is **67.0371, 77.8490, 67.7451**.

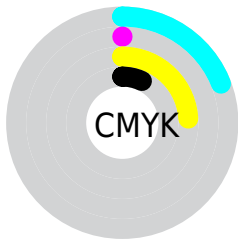
Distribution



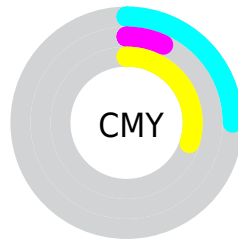
- Red (75%)
- Green (93%)
- Blue (70%)



- Red (70%)
- Yellow (93%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3673, 74.1927, 53.8395 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 59.3673, 74.1927, 53.8395 by changing the saturation by 10% instead.

■ 59.3673, 74.1927,
53.8395

■ 59.3673, 74.1927,
53.8395

412.1339,
475.1382, 418.6550

■ 43.1564, 54.9518,
38.0811

■ 103.0229,
125.1689, 97.2926

■ 30.2029, 39.3631,
25.7433

131.1983,
157.6730, 125.8243

■ 20.1415, 27.0423,
16.4076

164.0925,
195.3670, 159.4508

■ 12.6068, 17.6050,
9.6556

202.0709,
238.6352, 198.5907

■ 7.2335, 10.6668,
5.0686

245.4989,
287.8620, 243.6626

■ 3.6562, 5.8432,
2.2281


294.7419,

■ 1.5095, 2.7500,

343.4318, 295.0849


0.6905

350.1651,
405.7291, 353.2762


 0.3323, 1.0026,
0.0000


 0.0000, 0.0000,
0.0000

 59.3673, 74.1927,
53.8395


 59.3673, 74.1927,
53.8395


 52.7317, 71.0267,
42.1178


 67.0371, 77.8490,
67.7451


 47.0797, 68.3208,
32.4644

 75.7772, 82.0054,
83.9325

 42.3652, 66.0560,
24.7606

 85.6291, 86.6835,
102.4997

 38.5360, 64.2083,
18.8737

 89.2869, 88.4739,
106.9790

■ 35.5343, 62.7512,
14.6542

■ 33.2954, 61.6550,
11.9291

■ 31.7436, 60.8853,
10.4873

■ 31.1029, 60.5640,
10.0507

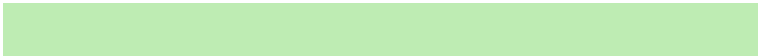
Harmonies

Analogous

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



65.7657, 74.1927, 44.6625



59.3673, 74.1927, 53.8395



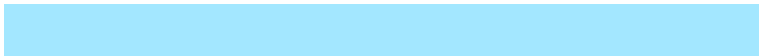
56.0672, 74.1927, 71.5036

Triad

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



59.3673, 74.1927, 53.8395



67.1986, 74.1927, 134.0757



86.8006, 74.1927, 67.6405

Complementary

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



59.3673, 74.1927, 53.8395



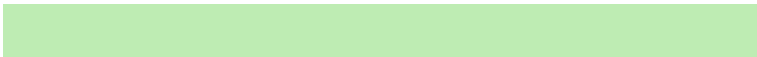
62.3150, 54.3061, 86.5586

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.



87.2601, 74.1927, 90.8329



59.3673, 74.1927, 53.8395



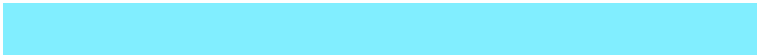
75.4938, 74.1927, 132.4789

Square

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



59.3673, 74.1927, 53.8395



60.3454, 74.1927, 119.4947



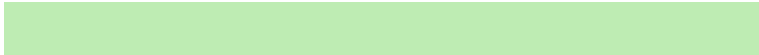
82.9841, 74.1927, 115.4840



81.7739, 74.1927, 51.4905

Rectangle

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



59.3673, 74.1927, 53.8395



55.8831, 74.1927, 87.1143



82.9841, 74.1927, 115.4840



87.5077, 74.1927, 74.7666

Sweetspot

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



59.3692, 74.1959, 53.8411



87.2052, 96.2726, 94.2220



69.5491, 74.7254, 53.4068



18.5273, 20.5406, 19.9105



0.0000, 0.0000, 0.0000



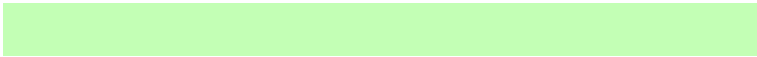
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3692, 74.1959, 53.8411



66.6937, 86.5028, 56.9246



58.5634, 73.5680, 63.3995



15.1396, 17.0020, 16.0025



17.2249, 33.4242, 5.5437



1.4277, 2.6633, 0.4388

Inverse Universe

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



62.3150, 54.3061, 86.5586



70.7680, 58.9416, 102.2547



63.4879, 55.1842, 74.2572



15.4134, 15.1584, 19.0357



20.2204, 9.4599, 44.5032



1.6607, 0.7804, 3.4980

Previews

White Background



This preview shows how the XYZ color 59.3673, 74.1927, 53.8395 looks on a white background.

Color Contrast Check

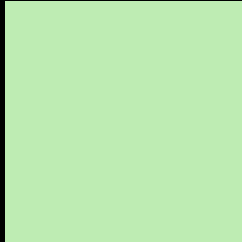
Large Text (above 18pt) WCAG AA × Fail

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 59.3673, 74.1927, 53.8395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

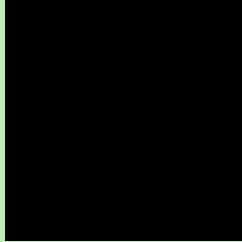
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

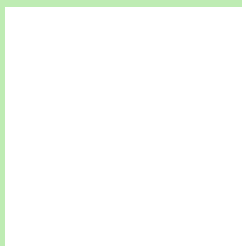
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3673, 74.1927, 53.8395

Background



This preview shows how black text looks on a background with the XYZ color 59.3673, 74.1927, 53.8395.

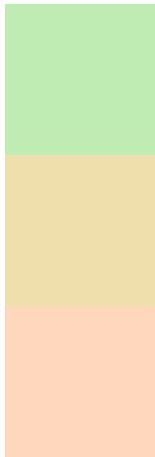


This preview shows how white text looks on a background with the XYZ color 59.3673, 74.1927,

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

59.3673, 74.1927, 53.8395

Protanopia

69.1904, 73.9696, 50.1660

Deuteranopia

74.6175, 73.4917, 57.8295



Tritanopia

68.0379, 73.9482, 97.0737

Trichromacy



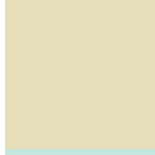
Original Color

59.3673, 74.1927, 53.8395



Protanomaly

65.3001, 73.9541, 51.3903



Deuteranomaly

68.0996, 73.2671, 56.4517



Tritanomaly

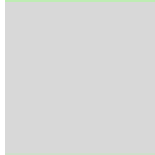
64.3739, 73.6844, 79.2363

Monochromacy



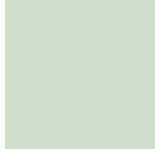
Original Color

59.3673, 74.1927, 53.8395



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.8993, 70.3525, 66.7642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3673, 74.1927, 53.8395 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(190, 236, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 179)  
}
```

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(190, 236, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.3673, 74.1927, 53.8395 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(190, 236, 179) }
```


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

```
.border{ border-color:rgb(190, 236, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3673, 74.1927, 53.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 179) }
```

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

```
.background{ background-color: rgb(190,  
236, 179) }
```

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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