

Converting Colors

XYZ(57.3590, 74.0695, 52.0239)

Have a look what the booklet for
XYZ(57.3590, 74.0695, 52.0239)
contains.

XYZ(57.3685, 74.0680, 51.8304)	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(57.3685, 74.0680,
51.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EEAF
RGB	181, 238, 175
RGB Percent	71%, 93%, 69%
CMY	0.2902, 0.0666, 0.3137
CMYK	0.24, 0.00, 0.26, 0.07
HSL	114°, 65%, 81%
HSV	114°, 26%, 93%
XYZ	57.3685, 74.0680, 51.8304
YIQ	213.7750, -13.7490, -31.6770

Conversions

Conversions Part 2

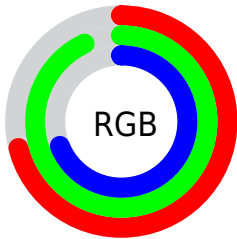
Format	Color
RYB	175, 238, 232
Decimal	11923119
CIELab	88.95, -29.84, 24.80
CIElCh	89, 38.795, 140.272
Yxy	74.0680, 0.3130, 0.4042
Android (android.graphics.Color)	4290113199 (0xFFB5EEAF)
YUV	213.7750, -19.1161, -28.7437
Hunter-Lab	86.0628, -31.6237, 24.5372

Details

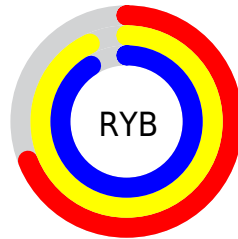
The XYZ color **57.3685, 74.0680, 51.8304** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.0445, 53.9910, 87.9386**, and the grayscale version is **63.8980, 67.2256, 73.2087**.

A 20% lighter version of the original color is **85.4437, 95.4667, 89.5249**, and **28.9932, 39.3731, 24.4840** is the 20% darker color. If you saturate the color by 10%, you get **50.5692, 70.8117, 40.3669**, and if you desaturate by 10%, it is **65.3642, 77.8978, 65.5036**.

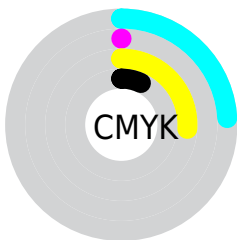
Distribution



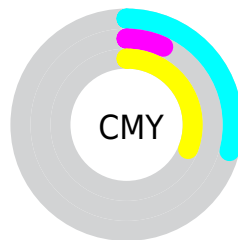
- Red (71%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3685, 74.0680, 51.8304 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 57.3685, 74.0680, 51.8304 by changing the saturation by 10% instead.

■ 57.3685, 74.0680,
51.8304

■ 57.3685, 74.0680,
51.8304

404.8206,
474.7080, 410.7198

■ 41.5425, 54.8497,
36.4886

■ 100.1309,
124.9922, 94.3051

■ 28.9327, 39.2814,
24.5191

127.7980,
157.4669, 122.2751

■ 19.1740, 26.9787,
15.5034

160.1429,
195.1291, 155.2915

■ 11.9008, 17.5572,
9.0229

197.5308,
238.3634, 193.7730

■ 6.7479, 10.6326,
4.6591

240.3272,
287.5540, 238.1380

■ 3.3499, 5.8203,
1.9935

288.8974,

■ 1.3414, 2.7361,

343.0854, 288.8051

0.5512

343.6067,
405.3419, 346.1929

■ 0.2139, 0.9956,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3685, 74.0680,
51.8304

■ 57.3685, 74.0680,
51.8304

■ 50.5692, 70.8117,
40.3669

■ 65.3642, 77.8978,
65.5036

■ 44.9031, 68.0923,
30.9926

■ 74.6040, 82.3168,
81.4886

■ 40.3100, 65.8838,
23.5829

■ 85.1399, 87.3520,
99.8873

■ 36.7218, 64.1539,
17.9983

■ 89.8660, 89.6320,
107.1720

■ 34.0625, 62.8669,
14.0806

■ 32.2451, 61.9820,
11.6450

■ 31.1651, 61.4504,
10.4597

■ 30.9217, 61.3302,
10.2082

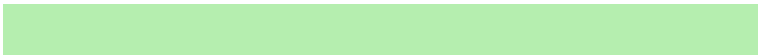
Harmonies

Analogous

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



64.3087, 74.0680, 41.1198



57.3685, 74.0680, 51.8304



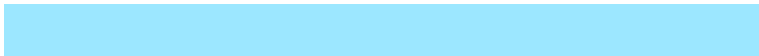
54.0146, 74.0680, 72.1968

Triad

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



57.3685, 74.0680, 51.8304



67.3833, 74.0680, 143.3357



88.7924, 74.0680, 63.9774

Complementary

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



57.3685, 74.0680, 51.8304



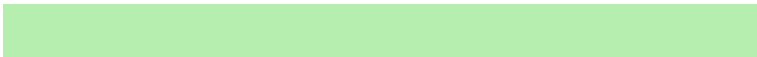
64.0445, 53.9910, 87.9386

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.



89.8019, 74.0680, 89.7331



57.3685, 74.0680, 51.8304



76.8630, 74.0680, 139.7460

Square

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



57.3685, 74.0680, 51.8304



59.4465, 74.0680, 127.4795



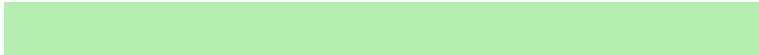
85.2677, 74.0680, 118.5499



82.6213, 74.0680, 46.9709

Rectangle

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



57.3685, 74.0680, 51.8304



54.0397, 74.0680, 90.2554



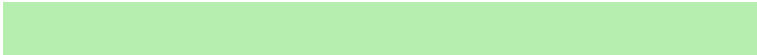
85.2677, 74.0680, 118.5499



89.7667, 74.0680, 71.7468

Sweetspot

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



57.3704, 74.0712, 51.8320



85.4701, 95.4209, 92.2079



71.7733, 78.8204, 51.9896



17.9319, 20.2508, 19.1080



0.0000, 0.0000, 0.0000



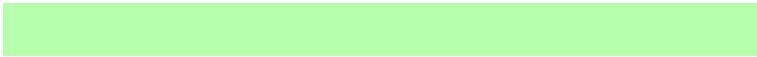
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3704, 74.0712, 51.8320



62.4375, 84.3969, 52.7378



58.7048, 74.4459, 66.0437



15.7055, 17.7283, 16.7439



17.2974, 34.2387, 5.6971



1.4859, 2.8725, 0.4761

Inverse Universe

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



64.0445, 53.9910, 87.9386



71.5094, 57.0768, 101.8557



62.5774, 53.6330, 69.8744



16.2972, 15.9505, 19.9414



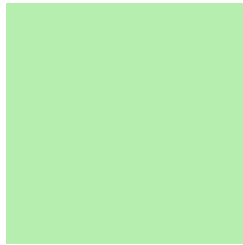
24.3605, 11.5637, 46.0759



2.0694, 0.9840, 3.8351

Previews

White Background



This preview shows how the XYZ color 57.3685, 74.0680, 51.8304 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 57.3685, 74.0680, 51.8304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

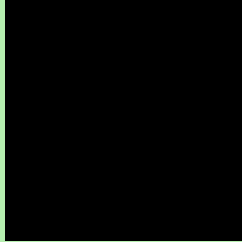
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3685, 74.0680, 51.8304

Background



This preview shows how black text looks on a background with the XYZ color 57.3685, 74.0680, 51.8304.



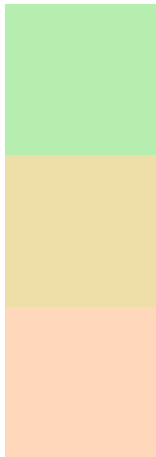
This preview shows how white text looks on a background with the XYZ color 57.3685, 74.0680,

51.8304.

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

57.3685, 74.0680, 51.8304

Protanopia

68.4491, 73.2468, 47.5762

Deuteranopia

74.4034, 73.4060, 56.7017



Tritanopia

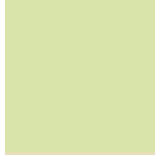
66.8001, 74.0915, 98.7760

Trichromacy



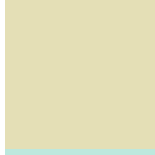
Original Color

57.3685, 74.0680, 51.8304



Protanomaly

63.7094, 73.1788, 49.2952



Deuteranomaly

66.8261, 72.6467, 54.7561



Tritanomaly

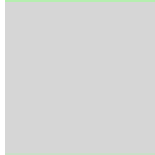
62.8940, 73.7525, 79.3274

Monochromacy



Original Color

57.3685, 74.0680, 51.8304



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.1701, 69.5020, 64.8348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3685, 74.0680, 51.8304 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(181, 238, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 238, 175)  
}
```

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(181, 238, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 238, 175) }
```

Border

The CSS property to change the border of an element to XYZ 57.3685, 74.0680, 51.8304 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(181, 238, 175) }
```


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

```
.border{ border-color:rgb(181, 238, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 238, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 238, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 238, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 238,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3685, 74.0680, 51.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 238, 175) }
```

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

```
.background{ background-color: rgb(181,  
238, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor