

Converting Colors

XYZ(65.7045, 82.4892, 73.5789)

Have a look what the booklet for
XYZ(65.7045, 82.4892, 73.5789)
contains.

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Color

**XYZ(65.6938, 82.3527,
73.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF8D2
RGB	187, 248, 210
RGB Percent	73%, 97%, 82%
CMY	0.2667, 0.0274, 0.1765
CMYK	0.25, 0.00, 0.15, 0.03
HSL	143°, 81%, 85%
HSV	143°, 25%, 97%
XYZ	65.6938, 82.3527, 73.4060
YIQ	225.4290, -24.1580, -24.7500

Conversions

Conversions Part 2

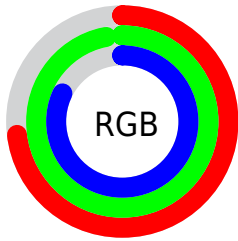
Format	Color
RYB	187, 231, 248
Decimal	12318930
CIELab	92.73, -26.59, 12.10
CIELCh	93, 29.210, 155.536
Yxy	82.3527, 0.2966, 0.3719
Android (android.graphics.Color)	4290509010 (0xFFBBF8D2)
YUV	225.4290, -7.6065, -33.7022
Hunter-Lab	90.7484, -29.5915, 15.5644

Details

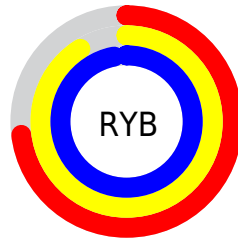
The XYZ color **65.6938, 82.3527, 73.4060** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.0752, 60.9354, 79.3061**, and the grayscale version is **71.9441, 75.6908, 82.4273**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.2201, 44.6147, 37.8183** is the 20% darker color. If you saturate the color by 10%, you get **58.3099, 78.7602, 63.4936**, and if you desaturate by 10%, it is **74.3158, 86.5665, 84.3500**.

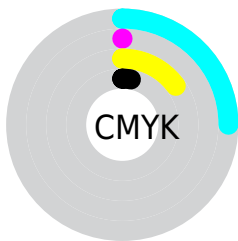
Distribution



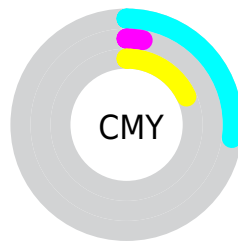
- Red (73%)
- Green (97%)
- Blue (82%)



- Red (73%)
- Yellow (91%)
- Blue (97%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)




- Cyan (27%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6938, 82.3527, 73.4060 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 65.6938, 82.3527, 73.4060 by changing the saturation by 10% instead.


 65.6938, 82.3527,
73.4060

 65.6938, 82.3527,
73.4060

434.7869,
502.8267, 491.5292

 48.2907, 61.6563,
53.8142


 112.1069,
136.6685, 125.7797

 34.2693, 44.7550,
38.0609


141.8476,
171.0567, 159.3986

 23.2645, 31.2645,
25.7278


176.4315,
210.7776, 198.5303

 14.9107, 20.8004,
16.3962

216.2240,
256.2156, 243.5933

 8.8426, 12.9781,
9.6475

261.5904,
307.7551, 295.0061

 4.6950, 7.4135,
5.0634

312.8962,

 2.1023, 3.7220,

365.7806, 353.1874

2.2251

370.5065,
430.6763, 418.5555

■ 0.6905, 1.5193,
0.6888

■ 0.0000, 0.3023,
0.0000

■ 65.6938, 82.3527,
73.4060

■ 65.6938, 82.3527,
73.4060

■ 58.3099, 78.7602,
63.4936

■ 74.3158, 86.5665,
84.3500

■ 52.0983, 75.7490,
54.5771

■ 84.2241, 91.4191,
96.3489

■ 46.9971, 73.2899,
46.6268

■ 92.8589, 95.6178,
108.1696

■ 42.9358, 71.3473,
39.6094

■ 39.8353, 69.8812,
33.4895

■ 37.6043, 68.8452,
28.2294

■ 36.1318, 68.1828,
23.7883

■ 35.5672, 67.9371,
21.7123

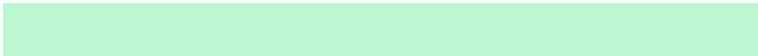
Harmonies

Analogous

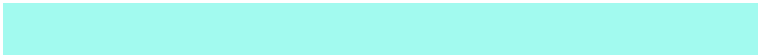
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0720, 82.3527, 59.7018



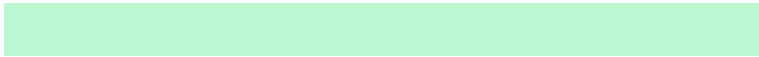
65.6938, 82.3527, 73.4060



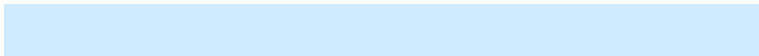
64.5916, 82.3527, 93.7724

Triad

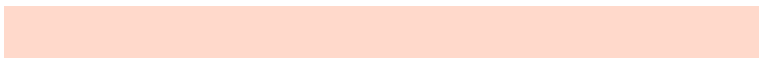
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6938, 82.3527, 73.4060



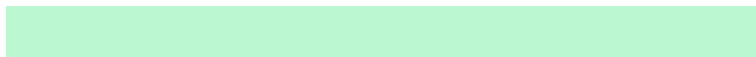
79.6941, 82.3527, 138.1919



90.7976, 82.3527, 67.4465

Complementary

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



65.6938, 82.3527, 73.4060



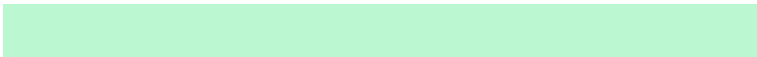
70.0752, 60.9354, 79.3061

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.



93.7633, 82.3527, 85.6853



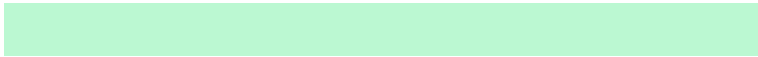
65.6938, 82.3527, 73.4060



87.0918, 82.3527, 128.2839

Square

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



65.6938, 82.3527, 73.4060



72.3679, 82.3527, 133.4862



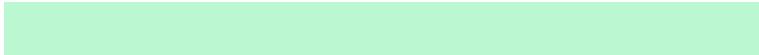
92.3652, 82.3527, 108.1703



84.4925, 82.3527, 56.6716

Rectangle

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



65.6938, 82.3527, 73.4060



65.7967, 82.3527, 108.9770



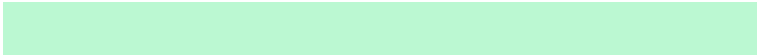
92.3652, 82.3527, 108.1703



92.2361, 82.3527, 72.7863

Sweetspot

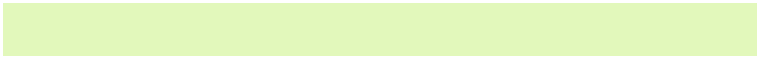
The Sweet Spot groups the original color and five complimentary colors.



65.6960, 82.3561, 73.4078



87.0461, 96.0747, 99.4489



73.7892, 86.8359, 59.8868



18.4907, 20.4950, 21.1174



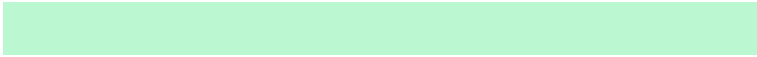
0.0000, 0.0000, 0.0000



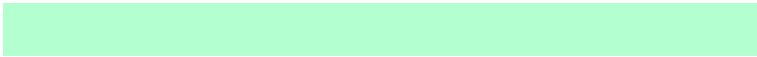
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6960, 82.3561, 73.4078



65.5395, 85.5660, 72.3130



69.7720, 83.9865, 94.8715



17.2881, 19.4175, 19.7176



19.2751, 36.7231, 12.0581



1.8348, 3.4210, 1.3781

Inverse Universe

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



70.0752, 60.9354, 79.3061



71.0091, 58.7998, 79.6716



66.3496, 59.4452, 59.6873



17.6993, 17.4071, 20.2725



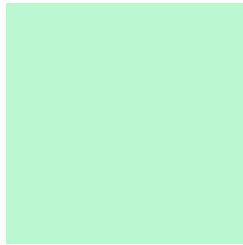
24.1555, 12.0779, 18.0592



2.2887, 1.1392, 1.9436

Previews

White Background



This preview shows how the XYZ color 65.6938, 82.3527, 73.4060 looks on a white background.

Color Contrast Check

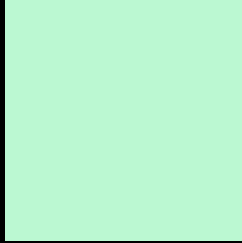
Large Text (above 18pt) WCAG AA × Fail

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 65.6938, 82.3527, 73.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

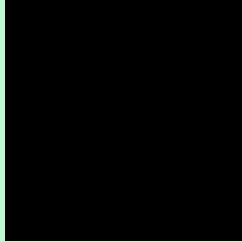
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6938, 82.3527, 73.4060

Background



This preview shows how black text looks on a background with the XYZ color 65.6938, 82.3527, 73.4060.



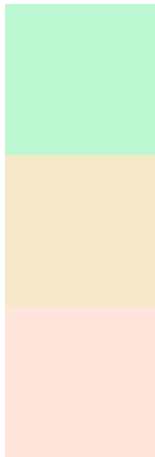
This preview shows how white text looks on a background with the XYZ color 65.6938, 82.3527,

73.4060.

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

65.6938, 82.3527, 73.4060

Protanopia

77.4558, 81.9546, 67.6136

Deuteranopia

81.9017, 81.9141, 79.2045



Tritanopia

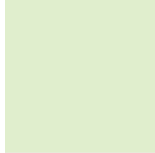
74.0933, 81.9321, 106.5171

Trichromacy



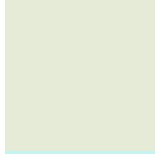
Original Color

65.6938, 82.3527, 73.4060



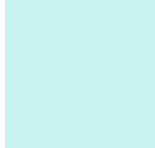
Protanomaly

72.3345, 81.4041, 69.6577



Deuteranomaly

74.7361, 81.1975, 76.6994



Tritanomaly

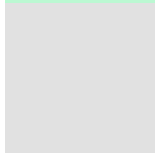
70.6208, 81.7420, 93.7170

Monochromacy



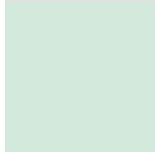
Original Color

65.6938, 82.3527, 73.4060



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.9211, 77.2940, 78.9969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6938, 82.3527, 73.4060 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(187, 248, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 248, 210)  
}
```

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(187, 248, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 248, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.6938, 82.3527, 73.4060 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(187, 248, 210) }
```


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

```
.border{ border-color:rgb(187, 248, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 248, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 248, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 248, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 248,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6938, 82.3527, 73.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 248, 210) }
```

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

```
.background{ background-color: rgb(187,  
248, 210) }
```

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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