

Converting Colors

XYZ(60.2477, 73.2653, 67.6989)

Have a look what the booklet for
XYZ(60.2477, 73.2653, 67.6989)
contains.

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Color

**XYZ(60.1681, 73.0287,
67.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE9CB
RGB	186, 233, 203
RGB Percent	73%, 91%, 80%
CMY	0.2706, 0.0863, 0.2039
CMYK	0.20, 0.00, 0.13, 0.09
HSL	142°, 52%, 82%
HSV	142°, 20%, 91%
XYZ	60.1681, 73.0287, 67.4247
YIQ	215.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

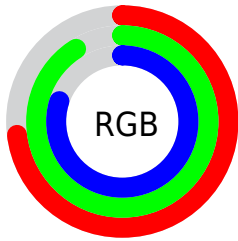
Format	Color
RYB	186, 221, 233
Decimal	12249547
CIELab	88.46, -20.95, 9.64
CIELCh	88, 23.056, 155.298
Yxy	73.0287, 0.2999, 0.3640
Android (android.graphics.Color)	4290439627 (0xFFBAE9CB)
YUV	215.5270, -6.1758, -25.8952
Hunter-Lab	85.4568, -23.8719, 13.0405

Details

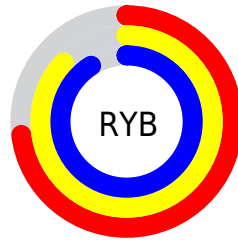
The XYZ color **60.1681, 73.0287, 67.4247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5604, 57.4011, 72.6984**, and the grayscale version is **64.9998, 68.3848, 74.4711**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.6627, 38.5197, 34.2527** is the 20% darker color. If you saturate the color by 10%, you get **53.2744, 69.6720, 58.2899**, and if you desaturate by 10%, it is **68.1589, 76.9354, 77.5016**.

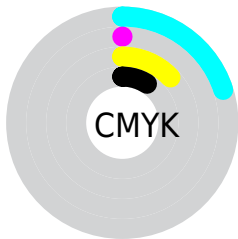
Distribution



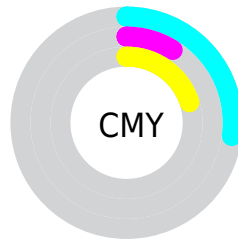
- Red (73%)
- Green (91%)
- Blue (80%)



- Red (73%)
- Yellow (87%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)





- Cyan (27%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1681, 73.0287, 67.4247 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 60.1681, 73.0287, 67.4247 by changing the saturation by 10% instead.


 60.1681, 73.0287,
67.4247

 60.1681, 73.0287,
67.4247


415.0419,
471.1143, 469.9976

 43.8041, 53.9994,
48.9661


 104.1784,
123.5180, 117.1752

 30.7138, 38.6012,
34.2272


132.5555,
155.7467, 149.3041

 20.5318, 26.4496,
22.7894


165.6676,
193.1441, 186.8269

 12.8927, 17.1603,
14.2342

203.8802,
236.0945, 230.1621

 7.4312, 10.3489,
8.1432

247.5586,
284.9824, 279.7282

 3.7819, 5.6309,
4.0976


297.0681,


 1.5795, 2.6220,


340.1920, 335.9438


1.6790


352.7741,
402.1078, 399.2274

 0.3790, 0.9377,
0.3463


 0.0000, 0.0000,
0.0000


 60.1681, 73.0287,
67.4247


 60.1681, 73.0287,
67.4247


 53.2744, 69.6720,
58.2899


 68.1589, 76.9354,
77.5016


 47.4224, 66.8311,
50.0653

 77.2870, 81.4062,
88.5418

 42.5606, 64.4823,
42.7238

 87.2648, 86.2944,
100.5563

 38.6309, 62.5959,
36.2356

 88.4303, 86.7606,
106.6934

■ 35.5684, 61.1394,
30.5688

■ 33.2998, 60.0756,
25.6897

■ 31.7382, 59.3603,
21.5617

■ 30.7513, 58.9250,
18.1967

Harmonies

Analogous

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



63.4308, 73.0287, 57.1056



60.1681, 73.0287, 67.4247



59.3264, 73.0287, 82.3690

Triad

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



60.1681, 73.0287, 67.4247



70.4008, 73.0287, 113.9637



78.4829, 73.0287, 63.1434

Complementary

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



60.1681, 73.0287, 67.4247



63.5604, 57.4011, 72.6984

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.



80.5795, 73.0287, 76.7293



60.1681, 73.0287, 67.4247



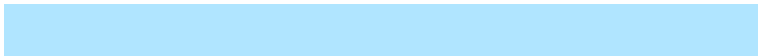
75.7570, 73.0287, 107.1341

Square

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



60.1681, 73.0287, 67.4247



65.0503, 73.0287, 110.6108



79.5564, 73.0287, 92.9724



73.9636, 73.0287, 54.8740

Rectangle

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



60.1681, 73.0287, 67.4247



60.2107, 73.0287, 93.2922



79.5564, 73.0287, 92.9724



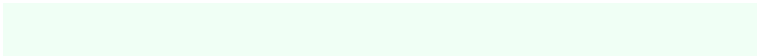
79.5051, 73.0287, 67.1672

Sweetspot

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



60.1701, 73.0318, 67.4263



88.1106, 96.5997, 100.5751



66.4862, 76.5092, 57.7189



18.7043, 20.6004, 21.3389



0.0000, 0.0000, 0.0000



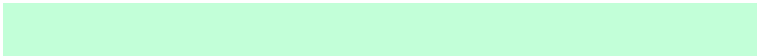
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1701, 73.0318, 67.4263



70.3431, 87.9174, 78.1839



63.1116, 74.2084, 82.9160



15.0935, 16.9522, 17.1750



17.5022, 33.4554, 10.6097



1.4190, 2.6449, 1.0684

Inverse Universe

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



63.5604, 57.4011, 72.6984



75.1760, 65.6301, 85.6954



60.7966, 56.2956, 58.1444



15.4702, 15.2159, 17.7614



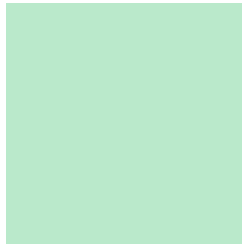
22.1951, 11.0807, 17.3604



1.7886, 0.8884, 1.6044

Previews

White Background



This preview shows how the XYZ color 60.1681, 73.0287, 67.4247 looks on a white background.

Color Contrast Check

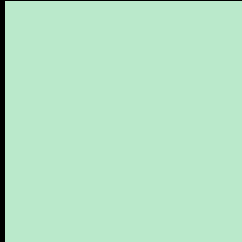
Large Text (above 18pt) WCAG AA × Fail

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 60.1681, 73.0287, 67.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

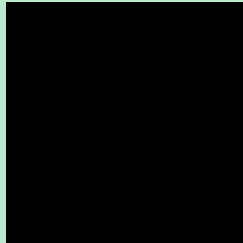
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

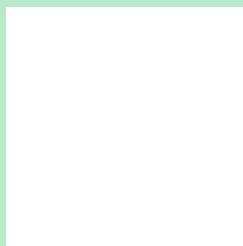
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1681, 73.0287, 67.4247

Background



This preview shows how black text looks on a background with the XYZ color 60.1681, 73.0287, 67.4247.

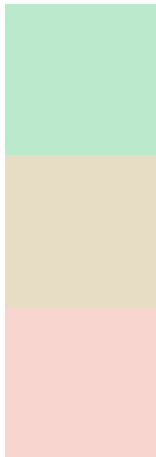


This preview shows how white text looks on a background with the XYZ color 60.1681, 73.0287,

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

60.1681, 73.0287, 67.4247

Protanopia

68.8895, 72.7330, 63.2313

Deuteranopia

74.0205, 72.5546, 69.1346



Tritanopia

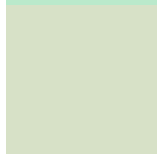
66.1986, 73.0001, 96.9876

Trichromacy



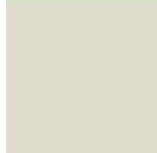
Original Color

60.1681, 73.0287, 67.4247



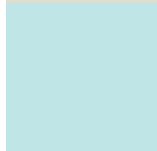
Protanomaly

65.2583, 72.4210, 64.5720



Deuteranomaly

68.0484, 72.1767, 68.7375



Tritanomaly

63.7881, 72.8282, 85.5582

Monochromacy



Original Color

60.1681, 73.0287, 67.4247



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.0560, 69.9248, 71.8015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1681, 73.0287, 67.4247 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, 233, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 203)  
}
```

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, 233, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.1681, 73.0287, 67.4247 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, 233, 203) }
```


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

```
.border{ border-color:rgb(186, 233, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 233, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 233, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 233,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1681, 73.0287, 67.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 203) }
```

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

```
.background{ background-color: rgb(186,  
233, 203) }
```

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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