

Converting Colors

XYZ(60.1208, 73.7192, 65.7739)

Have a look what the booklet for
XYZ(60.1208, 73.7192, 65.7739)
contains.

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Color

**XYZ(60.1412, 73.9011,
65.7381)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EBC8
RGB	185, 235, 200
RGB Percent	73%, 92%, 78%
CMY	0.2745, 0.0784, 0.2157
CMYK	0.21, 0.00, 0.15, 0.08
HSL	138°, 56%, 82%
HSV	138°, 21%, 92%
XYZ	60.1412, 73.9011, 65.7381
YIQ	216.0600, -18.5650, -21.4850

Conversions

Conversions Part 2

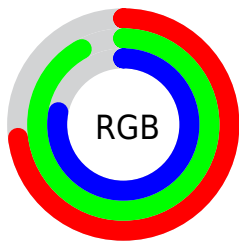
Format	Color
RYB	185, 223, 235
Decimal	12184520
CIELab	88.88, -22.80, 11.78
CIElCh	89, 25.661, 152.666
Yxy	73.9011, 0.3010, 0.3699
Android (android.graphics.Color)	4290374600 (0xFFB9EBC8)
YUV	216.0600, -7.9176, -27.2396
Hunter-Lab	85.9657, -25.5624, 14.8369

Details

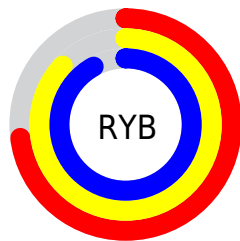
The XYZ color **60.1412, 73.9011, 65.7381** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.5307, 57.5291, 75.4164**, and the grayscale version is **65.3741, 68.7786, 74.8999**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.6685, 39.1408, 33.1327** is the 20% darker color. If you saturate the color by 10%, you get **53.1136, 70.4906, 55.9078**, and if you desaturate by 10%, it is **68.3168, 77.8836, 76.7052**.

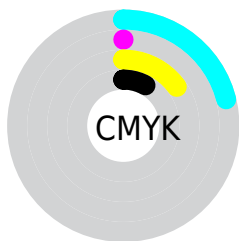
Distribution



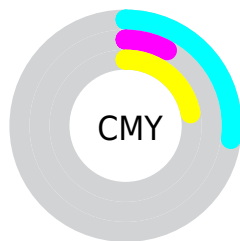
- Red (73%)
- Green (92%)
- Blue (78%)



- Red (73%)
- Yellow (87%)
- 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 60.1412, 73.9011, 65.7381 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 60.1412, 73.9011, 65.7381 by changing the saturation by 10% instead.

60.1412, 73.9011,
65.7381

60.1412, 73.9011,
65.7381

414.9444,
474.1320, 463.8183

43.7824, 54.7131,
47.6047

104.1396,
124.7556, 114.7338

30.6966, 39.1721,
33.1562

132.5100,
157.1909, 146.4331

20.5186, 26.8936,
21.9740

165.6148,
194.8107, 183.4915

12.8830, 17.4933,
13.6397

203.8195,
237.9995, 226.3275

7.4245, 10.5868,
7.7346

247.4895,
287.1416, 275.3596

3.7776, 5.7898,
3.8403

296.9901,

1.5771, 2.7177,

342.6215, 331.0065

1.5381

352.6866,
404.8235, 393.6865

0.3774, 0.9862,
0.2461

0.0000, 0.0000,
0.0000

60.1412, 73.9011,
65.7381

60.1412, 73.9011,
65.7381

53.1136, 70.4906,
55.9078

68.3168, 77.8836,
76.7052

47.1754, 67.6166,
47.1728

77.6834, 82.4534,
88.8390

42.2719, 65.2536,
39.4965

88.1039, 87.5412,
102.1657

38.3411, 63.3704,
32.8381

88.9998, 87.8995,
106.8833

■ 35.3139, 61.9326,
27.1542

■ 33.1120, 60.9004,
22.3984

■ 31.6421, 60.2270,
18.5198

■ 30.8311, 59.8681,
15.8079

Harmonies

Analogous

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



63.9801, 73.9011, 54.9344



60.1412, 73.9011, 65.7381



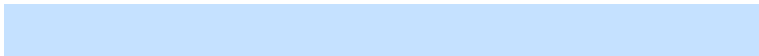
58.9565, 73.9011, 82.0700

Triad

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



60.1412, 73.9011, 65.7381



70.7987, 73.9011, 119.7676



80.7996, 73.9011, 63.3551

Complementary

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



60.1412, 73.9011, 65.7381



64.5307, 57.5291, 75.4164

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.



82.8802, 73.9011, 78.8825



60.1412, 73.9011, 65.7381



76.8971, 73.9011, 112.8880

Square

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



60.1412, 73.9011, 65.7381



64.8901, 73.9011, 114.8971



81.4121, 73.9011, 97.2435



75.8778, 73.9011, 53.7079

Rectangle

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



60.1412, 73.9011, 65.7381



59.7708, 73.9011, 94.4029



81.4121, 73.9011, 97.2435



81.8672, 73.9011, 67.9726

Sweetspot

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



60.1432, 73.9042, 65.7397



87.9666, 96.5421, 99.8170



68.2361, 78.2690, 57.4107



18.6703, 20.5868, 21.1600



0.0000, 0.0000, 0.0000



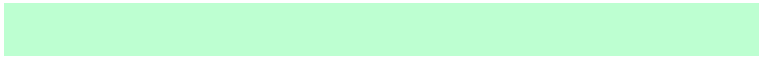
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1432, 73.9042, 65.7397



68.1297, 86.8836, 73.2346



63.1954, 75.1251, 81.8124



15.0543, 16.9365, 16.9687



17.2073, 33.3374, 9.0565



1.3923, 2.6342, 0.9278

Inverse Universe

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



64.5307, 57.5291, 75.4164



74.3846, 63.5308, 87.0234



61.5569, 56.3395, 59.7566



15.5111, 15.2323, 17.9770



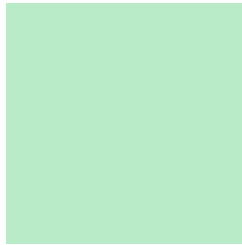
22.8814, 11.3553, 20.9748



1.8389, 0.9085, 1.8690

Previews

White Background



This preview shows how the XYZ color 60.1412, 73.9011, 65.7381 looks on a white background.

Color Contrast Check

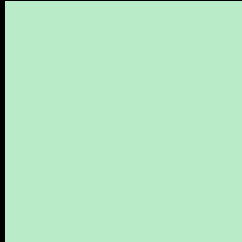
Large Text (above 18pt) WCAG AA × Fail

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 60.1412, 73.9011, 65.7381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

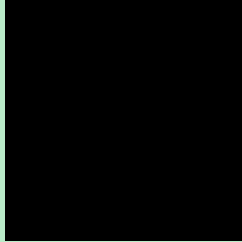
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1412, 73.9011, 65.7381

Background



This preview shows how black text looks on a background with the XYZ color 60.1412, 73.9011, 65.7381.



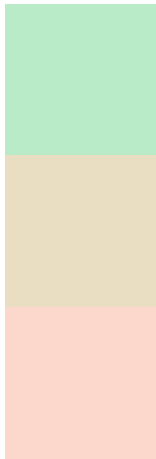
This preview shows how white text looks on a background with the XYZ color 60.1412, 73.9011,

65.7381.

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

60.1412, 73.9011, 65.7381

Protanopia

69.3512, 73.4164, 60.9677

Deuteranopia

74.9832, 73.4697, 67.3558



Tritanopia

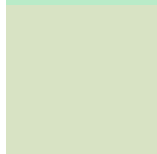
66.5242, 73.5397, 98.6841

Trichromacy



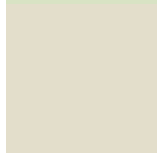
Original Color

60.1412, 73.9011, 65.7381



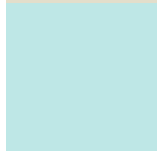
Protanomaly

65.7518, 73.5226, 62.9503



Deuteranomaly

68.5793, 72.8852, 66.9537



Tritanomaly

64.0940, 73.8121, 85.7320

Monochromacy



Original Color

60.1412, 73.9011, 65.7381



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 60.1412, 73.9011, 65.7381 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(185, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(185, 235, 200)  
}
```

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(185, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 235, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.1412, 73.9011, 65.7381 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(185, 235, 200) }
```


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

```
.border{ border-color:rgb(185, 235, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 235, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 235, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 235, 200);  
box-shadow:4px 4px 4px 4px rgb(185, 235,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1412, 73.9011, 65.7381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 235, 200) }
```

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

```
.background{ background-color: rgb(185,  
235, 200) }
```

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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