

Converting Colors

XYZ(61.3224, 79.1148, 60.1767)

Have a look what the booklet for
XYZ(61.3224, 79.1148, 60.1767)
contains.

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Color

**XYZ(61.3662, 79.0462,
60.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F5BD
RGB	183, 245, 189
RGB Percent	72%, 96%, 74%
CMY	0.2823, 0.0392, 0.2588
CMYK	0.25, 0.00, 0.23, 0.04
HSL	126°, 76%, 84%
HSV	126°, 25%, 96%
XYZ	61.3662, 79.0462, 60.1672
YIQ	220.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

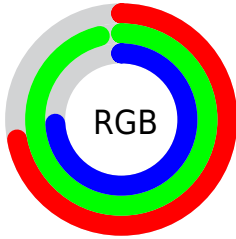
Format	Color
R _{YB}	183, 240, 245
Decimal	12055997
CIE _{Lab}	91.26, -30.16, 20.80
CIE _{LCh}	91, 36.636, 145.403
Y _{xy}	79.0462, 0.3059, 0.3941
Android (android.graphics.Color)	4290246077 (0xFFB7F5BD)
YUV	220.0780, -15.3215, -32.5174
Hunter-Lab	88.9079, -32.3843, 22.1119

Details

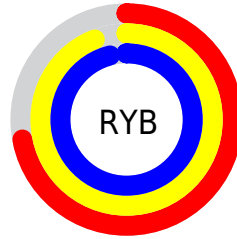
The XYZ color **61.3662, 79.0462, 60.1672** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.1724, 59.5133, 89.4536**, and the grayscale version is **68.1968, 71.7483, 78.1339**.

A 20% lighter version of the original color is **88.1766, 96.6378, 100.3918**, and **31.4097, 42.3828, 29.4469** is the 20% darker color. If you saturate the color by 10%, you get **53.8165, 75.4132, 48.2173**, and if you desaturate by 10%, it is **70.3010, 83.3554, 74.0985**.

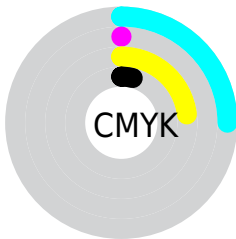
Distribution



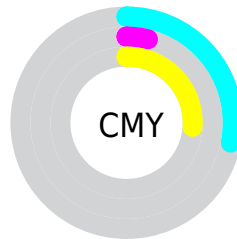
- Red (72%)
- Green (96%)
- Blue (74%)



- Red (72%)
- Yellow (94%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (28%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3662, 79.0462, 60.1672 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 61.3662, 79.0462, 60.1672 by changing the saturation by 10% instead.

61.3662, 79.0462,
60.1672

61.3662, 79.0462,
60.1672

419.3699,
491.7126, 443.0355

44.7744, 58.9338,
43.1272

105.9041,
132.0239, 106.6179

31.4803, 42.5598,
29.6528

134.5809,
165.6580, 136.8658

21.1185, 29.5399,
19.3254

168.0169,
204.5681, 172.3533

13.3236, 19.4896,
11.7265

206.5772,
249.1386, 213.4991

7.7303, 12.0246,
6.4374

250.6273,
299.7539, 260.7217

3.9732, 6.7604,
3.0398

300.5326,

1.6870, 3.3127,

356.7984, 314.4396

1.1150

356.6583,
420.6565, 375.0713

0.4481, 1.2971,
0.0000

0.0000, 0.1390,
0.0000

61.3662, 79.0462,
60.1672

61.3662, 79.0462,
60.1672

53.8165, 75.4132,
48.2173

70.3010, 83.3554,
74.0985

47.5766, 72.4126,
38.1539

80.6788, 88.3622,
90.0898

42.5733, 70.0113,
29.8821

91.9439, 93.7878,
107.8646

38.7240, 68.1686,
23.2968

■ 35.9356, 66.8393,
18.2819

■ 34.1008, 65.9706,
14.7067

■ 33.0887, 65.4985,
12.4192

■ 32.8158, 65.3726,
11.7371

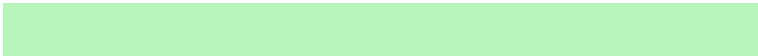
Harmonies

Analogous

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



67.7262, 79.0462, 47.6356



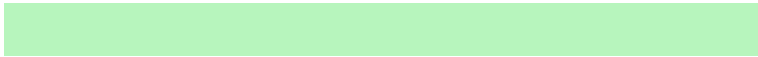
61.3662, 79.0462, 60.1672



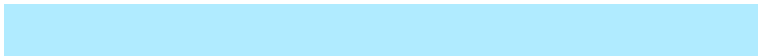
58.6962, 79.0462, 82.0328

Triad

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



61.3662, 79.0462, 60.1672



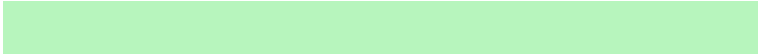
73.7086, 79.0462, 147.7901



92.4483, 79.0462, 65.9357

Complementary

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



61.3662, 79.0462, 60.1672



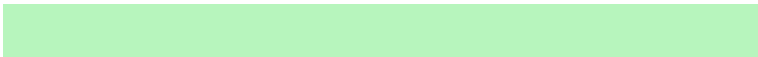
70.1724, 59.5133, 89.4536

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.



94.3787, 79.0462, 90.2332



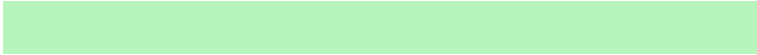
61.3662, 79.0462, 60.1672



83.0568, 79.0462, 141.0392

Square

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



61.3662, 79.0462, 60.1672



65.4387, 79.0462, 135.4170



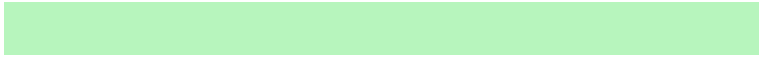
90.8141, 79.0462, 118.5032



85.7361, 79.0462, 50.4531

Rectangle

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



61.3662, 79.0462, 60.1672



59.1931, 79.0462, 100.3824



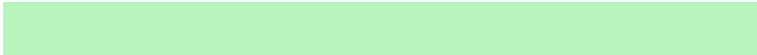
90.8141, 79.0462, 118.5032



93.7003, 79.0462, 73.1833

Sweetspot

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



61.3683, 79.0495, 60.1690



85.1129, 95.2037, 93.6852



77.0816, 87.2237, 57.5739



17.8430, 20.1967, 19.4760



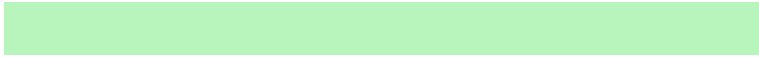
0.0000, 0.0000, 0.0000



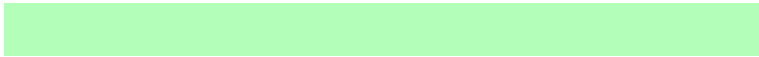
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3683, 79.0495, 60.1690



63.0877, 84.5853, 59.4020



64.9914, 80.4988, 79.2478



16.3473, 18.4981, 17.8475



17.6998, 35.2248, 6.4391



1.5771, 3.1045, 0.6791

Inverse Universe

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



70.1724, 59.5133, 89.4536



74.1408, 60.0524, 96.1628



66.0801, 57.8764, 67.9039



17.1404, 16.7390, 20.4861



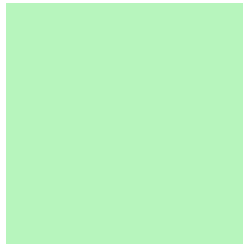
27.3667, 13.2901, 38.2347



2.4250, 1.1760, 3.4642

Previews

White Background



This preview shows how the XYZ color 61.3662, 79.0462, 60.1672 looks on a white background.

Color Contrast Check

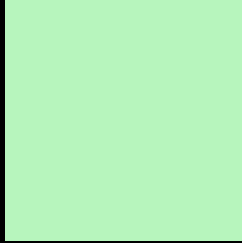
Large Text (above 18pt) WCAG AA × Fail

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 61.3662, 79.0462, 60.1672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

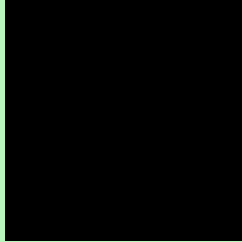
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3662, 79.0462, 60.1672

Background



This preview shows how black text looks on a background with the XYZ color 61.3662, 79.0462, 60.1672.



This preview shows how white text looks on a background with the XYZ color 61.3662, 79.0462,

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

61.3662, 79.0462, 60.1672

Protanopia

73.6680, 78.6079, 55.0062

Deuteranopia

78.5268, 78.3950, 68.1197



Tritanopia

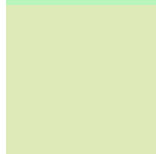
70.5511, 78.8130, 106.1017

Trichromacy



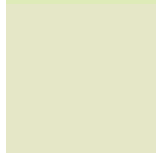
Original Color

61.3662, 79.0462, 60.1672



Protanomaly

68.4843, 78.4069, 56.8719



Deuteranomaly

71.1978, 77.9334, 65.3229



Tritanomaly

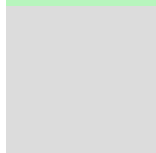
66.7762, 78.5789, 87.2491

Monochromacy



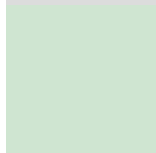
Original Color

61.3662, 79.0462, 60.1672



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.2601, 73.9075, 71.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3662, 79.0462, 60.1672 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(183, 245, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 245, 189)  
}
```

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(183, 245, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 245, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.3662, 79.0462, 60.1672 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(183, 245, 189) }
```


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

```
.border{ border-color:rgb(183, 245, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 245, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 245, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 245, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 245,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3662, 79.0462, 60.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 245, 189) }
```

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

```
.background{ background-color: rgb(183,  
245, 189) }
```

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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