

Converting Colors

XYZ(62.3725, 77.4782, 62.0211)

Have a look what the booklet for
XYZ(62.3725, 77.4782, 62.0211)
contains.

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Color

**XYZ(62.2716, 77.2468,
62.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF0C1
RGB	191, 240, 193
RGB Percent	75%, 94%, 76%
CMY	0.2510, 0.0588, 0.2431
CMYK	0.20, 0.00, 0.20, 0.06
HSL	122°, 62%, 85%
HSV	122°, 20%, 94%
XYZ	62.2716, 77.2468, 62.0801
YIQ	219.9910, -14.1170, -25.0050

Conversions

Conversions Part 2

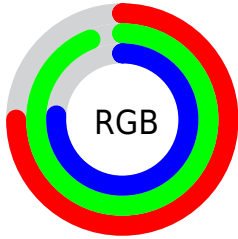
Format	Color
RYB	191, 238, 240
Decimal	12579009
CIELab	90.44, -24.51, 17.67
CIELCh	90, 30.212, 144.213
Yxy	77.2468, 0.3089, 0.3832
Android (android.graphics.Color)	4290769089 (0xFFBFF0C1)
YUV	219.9910, -13.3066, -25.4251
Hunter-Lab	87.8902, -27.3376, 19.6444

Details

The XYZ color **62.2716, 77.2468, 62.0801** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.0013, 61.9617, 89.1628**, and the grayscale version is **68.1199, 71.6675, 78.0459**.

A 20% lighter version of the original color is **91.7267, 98.3786, 104.5969**, and **32.1172, 41.4634, 30.7366** is the 20% darker color. If you saturate the color by 10%, you get **54.3521, 73.4403, 49.3317**, and if you desaturate by 10%, it is **71.5841, 81.7296, 76.9836**.

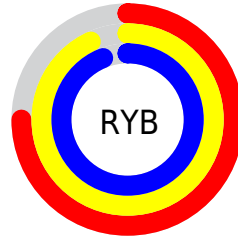
Distribution



Red (75%)

Green (94%)

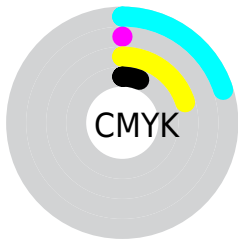
Blue (76%)



Red (75%)

Yellow (93%)

Blue (94%)

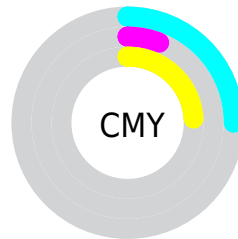


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (6%)



Cyan (25%)


Magenta (6%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2716, 77.2468, 62.0801 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 62.2716, 77.2468, 62.0801 by changing the saturation by 10% instead.


 62.2716, 77.2468,
62.0801

 62.2716, 77.2468,
62.0801


422.6229,
485.6051, 450.2389

 45.5086, 57.4555,
44.6612


 107.2057,
129.4878, 109.4140

 32.0612, 41.3710,
30.8497


136.1075,
162.7063, 140.1661

 21.5640, 28.6091,
20.2269


169.7864,
201.1692, 176.1997

 13.6517, 18.7853,
12.3744

208.6075,
245.2610, 217.9333

 7.9589, 11.5153,
6.8736

252.9364,
295.3661, 265.7855

 4.1203, 6.4145,
3.3059

303.1384,

 1.7704, 3.0987,

351.8689, 320.1748

1.2529

359.5788,
415.1538, 381.5198

0.4997, 1.1835,
0.0227

0.0000, 0.0482,
0.0000

62.2716, 77.2468,
62.0801

62.2716, 77.2468,
62.0801

54.3521, 73.4403,
49.3317

71.5841, 81.7296,
76.9836

47.7527, 70.2682,
38.6338

82.3454, 86.9089,
94.1300

42.4036, 67.6988,
29.8811

90.4516, 90.8032,
107.3672

38.2258, 65.6940,
22.9567

■ 35.1315, 64.2113,
17.7310

■ 33.0205, 63.2021,
14.0580

■ 31.7737, 62.6088,
11.7664

■ 31.2153, 62.3447,
10.6699

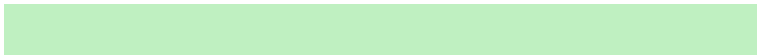
Harmonies

Analogous

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



67.6309, 77.2468, 51.6258



62.2716, 77.2468, 62.0801



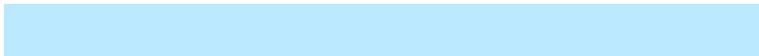
59.9144, 77.2468, 79.9894

Triad

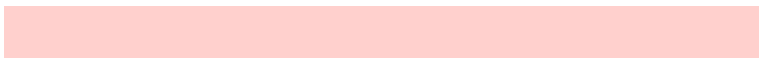
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2716, 77.2468, 62.0801



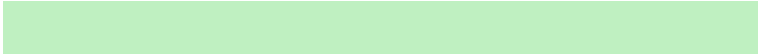
71.9680, 77.2468, 132.5777



87.4602, 77.2468, 68.1955

Complementary

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



62.2716, 77.2468, 62.0801



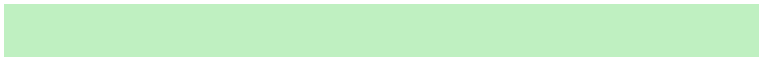
70.0013, 61.9617, 89.1628

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.



88.8181, 77.2468, 88.3669



62.2716, 77.2468, 62.0801



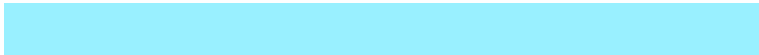
79.5320, 77.2468, 127.9690

Square

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



62.2716, 77.2468, 62.0801



65.2611, 77.2468, 122.5080



85.8271, 77.2468, 110.8145



82.2337, 77.2468, 54.7103

Rectangle

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



62.2716, 77.2468, 62.0801



60.2382, 77.2468, 94.7264



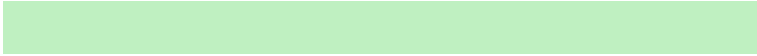
85.8271, 77.2468, 110.8145



88.3986, 77.2468, 74.3155

Sweetspot

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



62.2737, 77.2501, 62.0818



87.3699, 96.3034, 96.6747



75.9505, 84.3264, 61.5646



18.5298, 20.5306, 20.4199



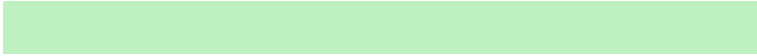
0.0000, 0.0000, 0.0000



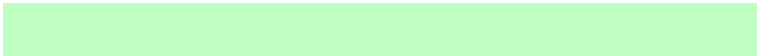
20.3446, 21.4041, 23.3091

Same Dimension

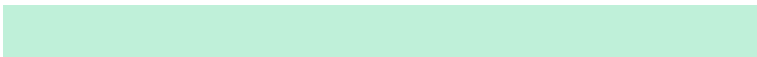
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2737, 77.2501, 62.0818



67.0298, 86.5172, 64.1188



65.1900, 78.4166, 77.4390



15.5921, 17.6668, 16.8747



17.0986, 34.1315, 5.9021



1.4316, 2.8431, 0.5391

Inverse Universe

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



70.0013, 61.9617, 89.1628



77.5591, 65.6842, 101.0166



66.6890, 60.6368, 71.7204



16.4248, 16.0196, 19.7930



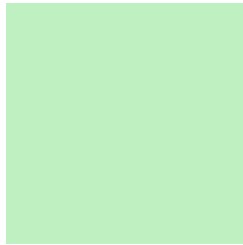
27.5183, 13.2798, 42.2415



2.2979, 1.1082, 3.5594

Previews

White Background



This preview shows how the XYZ color 62.2716, 77.2468, 62.0801 looks on a white background.

Color Contrast Check

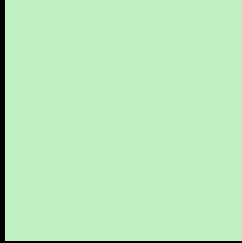
Large Text (above 18pt) WCAG AA × Fail

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 62.2716, 77.2468, 62.0801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

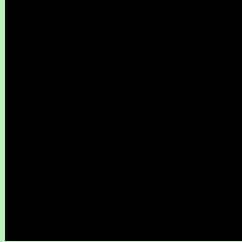
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

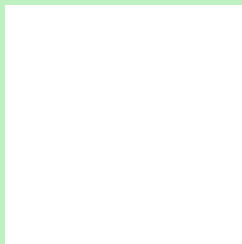
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2716, 77.2468, 62.0801

Background



This preview shows how black text looks on a background with the XYZ color 62.2716, 77.2468, 62.0801.

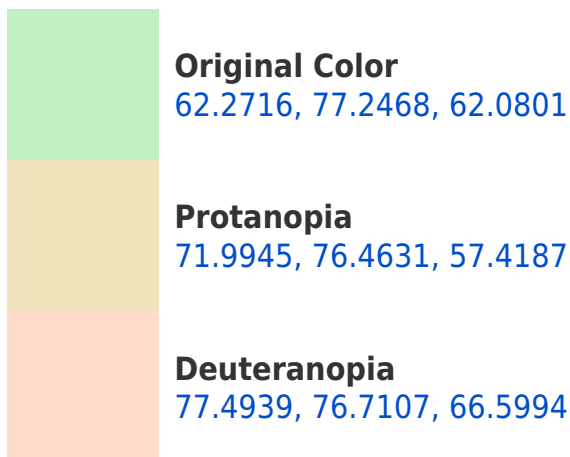


This preview shows how white text looks on a background with the XYZ color 62.2716, 77.2468, 62.0801.

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





Tritanopia

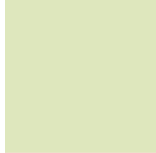
70.3566, 77.0958, 102.4396

Trichromacy



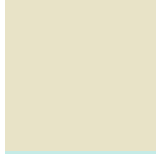
Original Color

62.2716, 77.2468, 62.0801



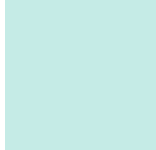
Protanomaly

67.8854, 76.3555, 59.3043



Deuteranomaly

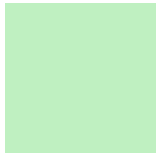
71.0566, 76.2175, 64.9992



Tritanomaly

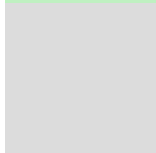
67.0172, 77.0001, 86.1932

Monochromacy



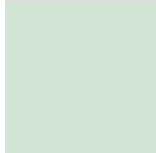
Original Color

62.2716, 77.2468, 62.0801



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.3964, 73.1466, 71.6447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2716, 77.2468, 62.0801 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(191, 240, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 240, 193)  
}
```

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(191, 240, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 240, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.2716, 77.2468, 62.0801 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(191, 240, 193) }
```


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

```
.border{ border-color:rgb(191, 240, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 240, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 240, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 240, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 240,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2716, 77.2468, 62.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 240, 193) }
```

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

```
.background{ background-color: rgb(191,  
240, 193) }
```

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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