

Converting Colors

XYZ(62.9127, 77.2177, 62.6283)

Have a look what the booklet for
XYZ(62.9127, 77.2177, 62.6283)
contains.

XYZ(62.8522, 77.0974, 62.6076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.8522, 77.0974,
62.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EFC2
RGB	194, 239, 194
RGB Percent	76%, 94%, 76%
CMY	0.2392, 0.0627, 0.2392
CMYK	0.19, 0.00, 0.19, 0.06
HSL	120°, 58%, 85%
HSV	120°, 19%, 94%
XYZ	62.8522, 77.0974, 62.6076
YIQ	220.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

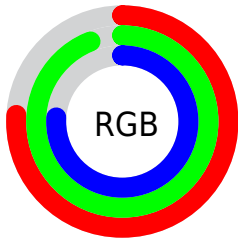
Format	Color
RYB	194, 239, 239
Decimal	12775362
CIELab	90.37, -22.87, 17.08
CIELCh	90, 28.541, 143.242
Yxy	77.0974, 0.3103, 0.3806
Android (android.graphics.Color)	4290965442 (0xFFC2EFC2)
YUV	220.4150, -13.0226, -23.1660
Hunter-Lab	87.8051, -25.8860, 19.1881

Details

The XYZ color **62.8522, 77.0974, 62.6076** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.4710, 63.1679, 90.1430**, and the grayscale version is **68.4135, 71.9764, 78.3823**.

A 20% lighter version of the original color is **92.9562, 98.9943, 105.4753**, and **32.4823, 41.3359, 31.0776** is the 20% darker color. If you saturate the color by 10%, you get **54.7327, 73.1995, 49.3251**, and if you desaturate by 10%, it is **72.3941, 81.6832, 78.2133**.

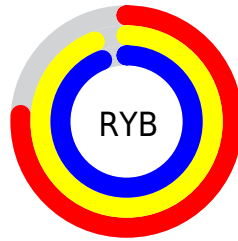
Distribution



Red (76%)

Green (94%)

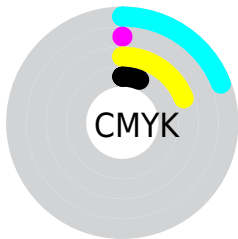
Blue (76%)



Red (76%)

Yellow (94%)

Blue (94%)

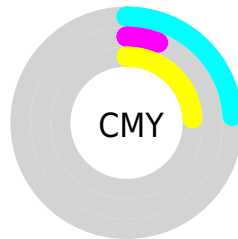


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8522, 77.0974, 62.6076 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 62.8522, 77.0974, 62.6076 by changing the saturation by 10% instead.

62.8522, 77.0974,
62.6076

62.8522, 77.0974,
62.6076

424.7011,
485.0961, 452.2127

45.9798, 57.3328,
45.0849

108.0393,
129.2770, 110.1833

32.4345, 41.2725,
31.1808

137.0847,
162.4607, 141.0734

21.8507, 28.5321,
20.4770

170.9185,
200.8864, 177.2563

13.8632, 18.7271,
12.5547

209.9061,
244.9382, 219.1506

8.1067, 11.4733,
6.9956

254.4128,
295.0007, 267.1749

4.2157, 6.3861,
3.3809

304.8039,

1.8249, 3.0813,

351.4583, 321.7476

1.2923

361.4449,
414.6953, 383.2873

■ 0.5326, 1.1743,
0.0554

■ 0.0000, 0.0406,
0.0000

■ 62.8522, 77.0974,
62.6076

■ 62.8522, 77.0974,
62.6076

■ 54.7327, 73.1995,
49.3251

■ 72.3941, 81.6832,
78.2133

■ 47.9617, 69.9470,
38.2499

■ 83.4154, 86.9772,
96.2404

■ 42.4682, 67.3082,
29.2642

■ 90.1580, 90.2161,
107.2693

■ 38.1718, 65.2445,
22.2367

■ 34.9836, 63.7130,
17.0217

■ 32.8019, 62.6650,
13.4529

■ 31.5065, 62.0427,
11.3338

■ 30.9184, 61.7603,
10.3718

■ 30.8681, 61.7361,
10.2895

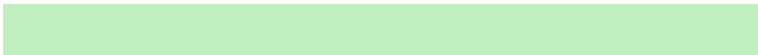
Harmonies

Analogous

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



68.0099, 77.0974, 52.8373



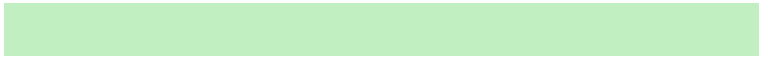
62.8522, 77.0974, 62.6076



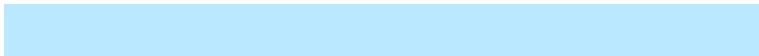
60.5113, 77.0974, 79.4177

Triad

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



62.8522, 77.0974, 62.6076



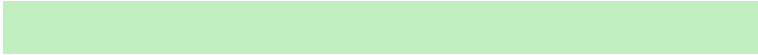
71.6801, 77.0974, 129.1928



86.5865, 77.0974, 69.4099

Complementary

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



62.8522, 77.0974, 62.6076



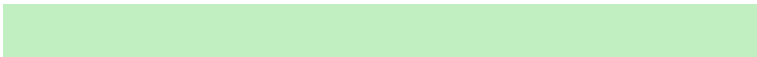
70.4710, 63.1679, 90.1430

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.



87.7265, 77.0974, 88.6431



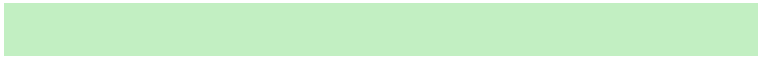
62.8522, 77.0974, 62.6076



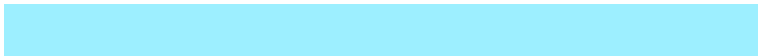
78.8130, 77.0974, 125.3545

Square

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



62.8522, 77.0974, 62.6076



65.3903, 77.0974, 119.4250



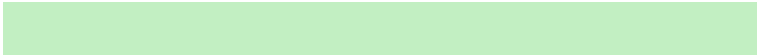
84.7990, 77.0974, 109.6533



81.7775, 77.0974, 56.2975

Rectangle

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



62.8522, 77.0974, 62.6076



60.7482, 77.0974, 93.2478



84.7990, 77.0974, 109.6533



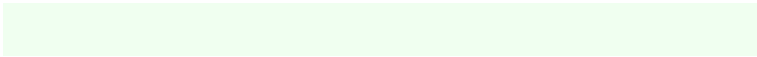
87.4238, 77.0974, 75.2843

Sweetspot

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



62.8543, 77.1007, 62.6093



87.2771, 96.2663, 96.1861



76.2041, 83.9828, 63.2334



18.5080, 20.5219, 20.3050



0.0000, 0.0000, 0.0000



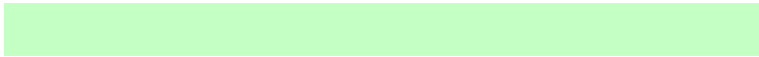
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8543, 77.1007, 62.6093



68.6200, 87.3043, 65.6693



65.5763, 78.1895, 76.9431



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6860



1.4190, 2.8381, 0.4730

Inverse Universe

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



70.4710, 63.1679, 90.1430



79.1087, 68.1179, 103.5851



67.3502, 61.9196, 73.7092



16.4543, 16.0314, 19.9487



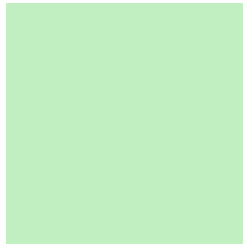
28.2809, 13.5848, 46.2570



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 62.8522, 77.0974, 62.6076 looks on a white background.

Color Contrast Check

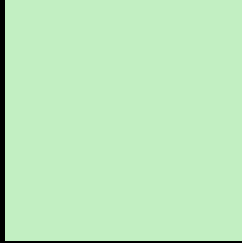
Large Text (above 18pt) WCAG AA × Fail

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 62.8522, 77.0974, 62.6076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

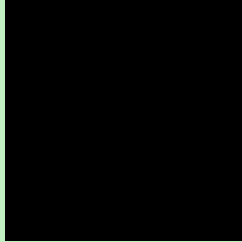
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8522, 77.0974, 62.6076

Background



This preview shows how black text looks on a background with the XYZ color 62.8522, 77.0974, 62.6076.



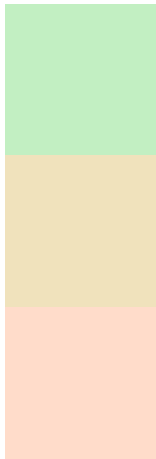
This preview shows how white text looks on a background with the XYZ color 62.8522, 77.0974,

62.6076.

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

62.8522, 77.0974, 62.6076

Protanopia

72.2086, 76.5488, 58.5465

Deuteranopia

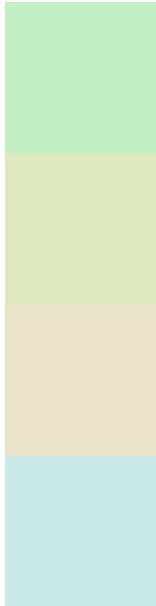
77.4939, 76.7107, 66.5994



Tritanopia

70.4598, 76.7505, 101.5432

Trichromacy



Original Color

62.8522, 77.0974, 62.6076

Protanomaly

68.3016, 76.5575, 59.8924

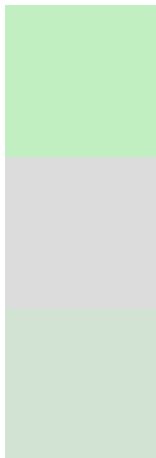
Deuteranomaly

71.3822, 76.3853, 65.0144

Tritanomaly

67.5252, 76.8382, 86.1352

Monochromacy



Original Color

62.8522, 77.0974, 62.6076

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.0909, 73.4902, 72.3297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8522, 77.0974, 62.6076 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(194, 239, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 239, 194)  
}
```

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(194, 239, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 239, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.8522, 77.0974, 62.6076 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(194, 239, 194) }
```


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

```
.border{ border-color:rgb(194, 239, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 239, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 239, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 239, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 239,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8522, 77.0974, 62.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 239, 194) }
```

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

```
.background{ background-color: rgb(194,  
239, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor