

Converting Colors

XYZ(62.9542, 76.4063, 63.8932)

Have a look what the booklet for
XYZ(62.9542, 76.4063, 63.8932)
contains.

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Color

**XYZ(62.7537, 76.1560,
63.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EDC4
RGB	195, 237, 196
RGB Percent	76%, 93%, 77%
CMY	0.2353, 0.0706, 0.2314
CMYK	0.18, 0.00, 0.17, 0.07
HSL	121°, 54%, 85%
HSV	121°, 18%, 93%
XYZ	62.7537, 76.1560, 63.6167
YIQ	219.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

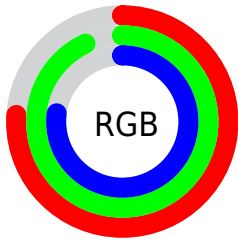
Format	Color
RYB	195, 236, 237
Decimal	12840388
CIELab	89.93, -21.22, 15.44
CIElCh	90, 26.244, 143.957
Yxy	76.1560, 0.3099, 0.3760
Android (android.graphics.Color)	4291030468 (0xFFC3EDC4)
YUV	219.7680, -11.7176, -21.7215
Hunter-Lab	87.2674, -24.3592, 17.8656

Details

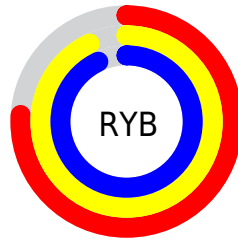
The XYZ color **62.7537, 76.1560, 63.6167** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.5832, 63.0927, 87.8710**, and the grayscale version is **67.9525, 71.4913, 77.8541**.

A 20% lighter version of the original color is **93.6345, 99.3073, 107.1617**, and **32.3909, 40.6635, 31.7328** is the 20% darker color. If you saturate the color by 10%, you get **54.6758, 72.2750, 50.5360**, and if you desaturate by 10%, it is **72.2138, 80.7070, 78.8850**.

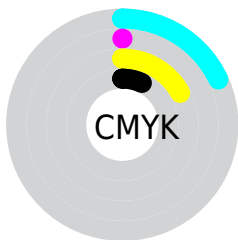
Distribution



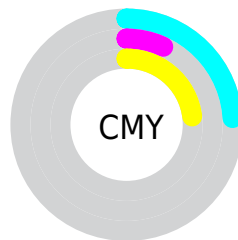
- Red (76%)
- Green (93%)
- Blue (77%)



- Red (76%)
- Yellow (93%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7537, 76.1560, 63.6167 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 62.7537, 76.1560, 63.6167 by changing the saturation by 10% instead.

62.7537, 76.1560,
63.6167

62.7537, 76.1560,
63.6167

424.3489,
481.8815, 455.9736

45.8999, 56.5604,
45.8961

107.8979,
127.9474, 111.6529

32.3711, 40.6524,
31.8158

136.9190,
160.9120, 142.8056

21.8020, 28.0476,
20.9572

170.7266,
199.1018, 179.2727

13.8273, 18.3615,
12.9018

209.6860,
242.9011, 221.4727

8.0815, 11.2099,
7.2310

254.1626,
292.6943, 269.8243

4.1994, 6.2082,
3.5264

304.5217,

1.8156, 2.9721,


348.8659, 324.7460


1.3693


361.1287,
411.8002, 386.6562


 0.5270, 1.1172,
0.1176


 0.0000, 0.0000,
0.0000


 62.7537, 76.1560,
63.6167


 62.7537, 76.1560,
63.6167

 54.6758, 72.2750,
50.5360


 72.2138, 80.7070,
78.8850

 47.9096, 69.0234,
39.5381

 83.1101, 85.9472,
96.4293

 42.3877, 66.3707,
30.5170

 89.5757, 89.0513,
107.0752

 38.0345, 64.2805,
23.3556

■ 34.7659, 62.7123,
17.9243

■ 32.4865, 61.6200,
14.0770

■ 31.0846, 60.9498,
11.6433

■ 30.4131, 60.6301,
10.4139

■ 30.3166, 60.5837,
10.2581

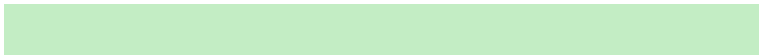
Harmonies

Analogous

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



67.4333, 76.1560, 54.3567



62.7537, 76.1560, 63.6167



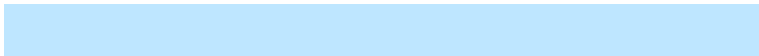
60.6680, 76.1560, 79.2145

Triad

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



62.7537, 76.1560, 63.6167



71.0780, 76.1560, 123.7891



84.3996, 76.1560, 69.2369

Complementary

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



62.7537, 76.1560, 63.6167



69.5832, 63.0927, 87.8710

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.



85.5189, 76.1560, 86.7413



62.7537, 76.1560, 63.6167



77.5712, 76.1560, 120.0642

Square

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



62.7537, 76.1560, 63.6167



65.2857, 76.1560, 115.3120



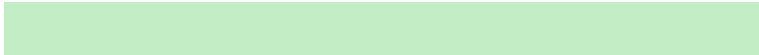
82.9523, 76.1560, 105.7817



79.9791, 76.1560, 57.2461

Rectangle

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



62.7537, 76.1560, 63.6167



60.9343, 76.1560, 91.8447



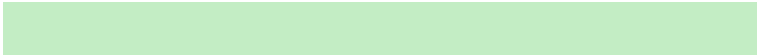
82.9523, 76.1560, 105.7817



85.1850, 76.1560, 74.5947

Sweetspot

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



62.7557, 76.1592, 63.6184



88.5742, 96.8856, 98.4735



74.8296, 82.3967, 63.5908



18.7712, 20.6474, 20.7756



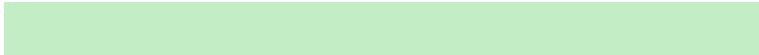
0.0000, 0.0000, 0.0000



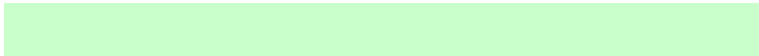
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7557, 76.1592, 63.6184



70.7154, 88.2987, 69.6449



65.2775, 77.1680, 76.8979



14.8829, 16.8680, 16.0661



16.5577, 33.0775, 5.6358



1.3053, 2.5994, 0.4696

Inverse Universe

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



69.5832, 63.0927, 87.8710



80.0770, 70.3815, 102.8992



66.7469, 61.9582, 72.9356



15.6984, 15.3072, 18.9632



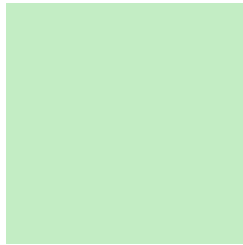
26.9774, 12.9937, 42.5439



2.1233, 1.0223, 3.3667

Previews

White Background



This preview shows how the XYZ color 62.7537, 76.1560, 63.6167 looks on a white background.

Color Contrast Check

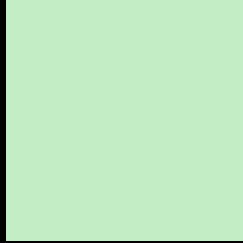
Large Text (above 18pt) WCAG AA × Fail

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 62.7537, 76.1560, 63.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

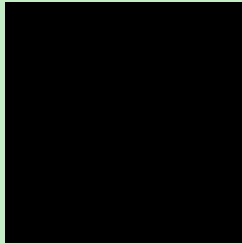
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

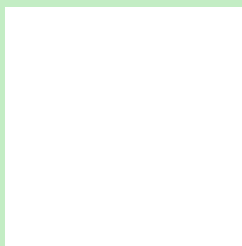
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7537, 76.1560, 63.6167

Background



This preview shows how black text looks on a background with the XYZ color 62.7537, 76.1560, 63.6167.



This preview shows how white text looks on a background with the XYZ color 62.7537, 76.1560,

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

62.7537, 76.1560, 63.6167

Protanopia

71.4794, 75.7453, 59.5681

Deuteranopia

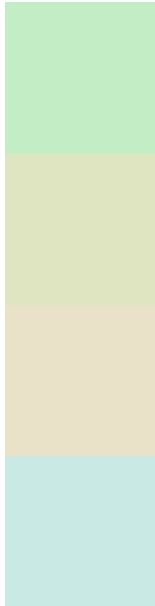
76.9721, 75.6671, 66.4255



Tritanopia

70.1419, 76.2083, 99.8197

Trichromacy



Original Color

62.7537, 76.1560, 63.6167

Protanomaly

67.6579, 75.3740, 60.8519

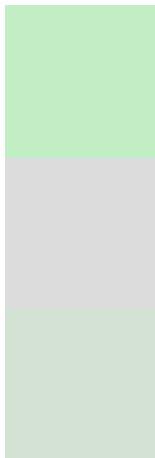
Deuteranomaly

70.9548, 75.3442, 65.4467

Tritanomaly

67.3692, 76.3525, 85.3155

Monochromacy



Original Color

62.7537, 76.1560, 63.6167

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

65.8182, 72.9447, 72.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7537, 76.1560, 63.6167 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(195, 237, 196)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 196)  
}
```

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(195, 237, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.7537, 76.1560, 63.6167 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(195, 237, 196) }
```


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

```
.border{ border-color:rgb(195, 237, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 237, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 237, 196);  
box-shadow:4px 4px 4px 4px rgb(195, 237,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7537, 76.1560, 63.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 196) }
```

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

```
.background{ background-color: rgb(195,  
237, 196) }
```

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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