

Converting Colors

XYZ(61.9207, 72.9931, 64.4538)

Have a look what the booklet for
XYZ(61.9207, 72.9931, 64.4538)
contains.

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Color

**XYZ(62.0577, 73.2348,
64.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E7C6
RGB	198, 231, 198
RGB Percent	78%, 91%, 78%
CMY	0.2235, 0.0941, 0.2235
CMYK	0.14, 0.00, 0.14, 0.09
HSL	120°, 41%, 84%
HSV	120°, 14%, 91%
XYZ	62.0577, 73.2348, 64.2910
YIQ	217.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

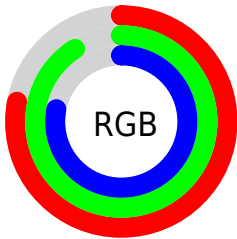
Format	Color
RYB	198, 231, 231
Decimal	13035462
CIELab	88.56, -16.92, 12.49
CIElCh	89, 21.030, 143.574
Yxy	73.2348, 0.3109, 0.3669
Android (android.graphics.Color)	429122542 (0xFFC6E7C6)
YUV	217.3710, -9.5499, -16.9884
Hunter-Lab	85.5773, -20.3184, 15.3618

Details

The XYZ color **62.0577, 73.2348, 64.2910** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.5755, 63.1484, 84.2321**, and the grayscale version is **66.2775, 69.7291, 75.9350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8656, 38.6029, 32.1572** is the 20% darker color. If you saturate the color by 10%, you get **53.9625, 69.3484, 51.0482**, and if you desaturate by 10%, it is **71.4920, 77.7687, 79.7208**.

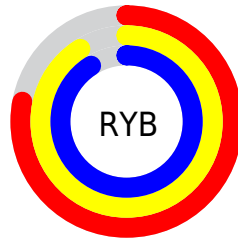
Distribution



Red (78%)

Green (91%)

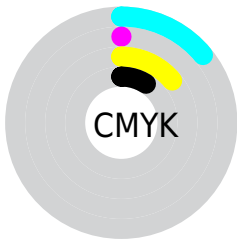
Blue (78%)



Red (78%)

Yellow (91%)

Blue (91%)

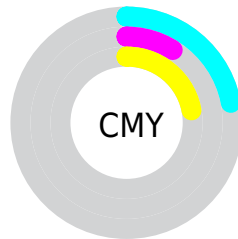


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0577, 73.2348, 64.2910 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 62.0577, 73.2348, 64.2910 by changing the saturation by 10% instead.

■ 62.0577, 73.2348,
64.2910

■ 62.0577, 73.2348,
64.2910

421.8557,
471.8282, 458.4760

■ 45.3351, 54.1680,
46.4387

106.8984,
123.8105, 112.6334

■ 31.9239, 38.7360,
32.2410

135.7472,
156.0881, 143.9606

■ 21.4586, 26.5544,
21.2793

169.3688,
193.5382, 180.6166

■ 13.5740, 17.2388,
13.1351

208.1285,
236.5450, 223.0198

■ 7.9047, 10.4049,
7.3898

252.3917,
285.4930, 271.5888

■ 4.0853, 5.6683,
3.6249

302.5237,

■ 1.7505, 2.6444,

340.7666, 326.7421

1.4219

358.8899,
402.7502, 388.8984

■ 0.4876, 0.9490,
0.1587

■ 0.0000, 0.0000,
0.0000

■ 62.0577, 73.2348,
64.2910

■ 62.0577, 73.2348,
64.2910

■ 53.9625, 69.3484,
51.0482

■ 71.4920, 77.7687,
79.7208

■ 47.1401, 66.0713,
39.8889

■ 82.3158, 82.9680,
97.4251

■ 41.5277, 63.3753,
30.7087

■ 87.8673, 85.6346,
106.5058

■ 37.0545, 61.2266,
23.3919

■ 33.6427, 59.5878,
17.8112

■ 31.2045, 58.4166,
13.8231

■ 29.6384, 57.6643,
11.2614

■ 28.8202, 57.2713,
9.9230

■ 28.5773, 57.1546,
9.5258

Harmonies

Analogous

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



65.7827, 73.2348, 56.7998



62.0577, 73.2348, 64.2910



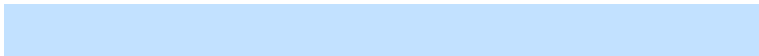
60.3665, 73.2348, 76.6576

Triad

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



62.0577, 73.2348, 64.2910



68.5226, 73.2348, 110.8107



78.9259, 73.2348, 69.0920

Complementary

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



62.0577, 73.2348, 64.2910



67.5755, 63.1484, 84.2321

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.



79.7465, 73.2348, 82.9045



62.0577, 73.2348, 64.2910



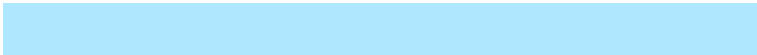
73.5777, 73.2348, 108.1503

Square

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



62.0577, 73.2348, 64.2910



63.9804, 73.2348, 104.3684



77.7460, 73.2348, 97.4851



75.5552, 73.2348, 59.3275

Rectangle

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



62.0577, 73.2348, 64.2910



60.5586, 73.2348, 86.4710



77.7460, 73.2348, 97.4851



79.5157, 73.2348, 73.3681

Sweetspot

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



62.0597, 73.2379, 64.2926



89.7974, 97.4769, 100.3084



71.7272, 78.2217, 64.7449



19.0157, 20.7658, 21.1353



0.0000, 0.0000, 0.0000



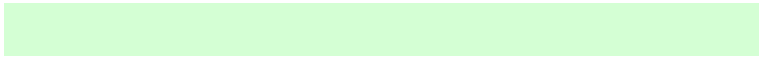
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0597, 73.2379, 64.2926



74.6502, 90.2009, 75.5324



64.0684, 74.0414, 74.8705



14.1894, 16.0892, 15.2621



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



67.5755, 63.1484, 84.2321



82.7460, 75.3921, 104.7984



65.3531, 62.2594, 72.5287



14.9952, 14.6153, 18.1750



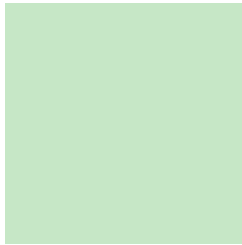
26.5611, 12.7587, 43.4453



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 62.0577, 73.2348, 64.2910 looks on a white background.

Color Contrast Check

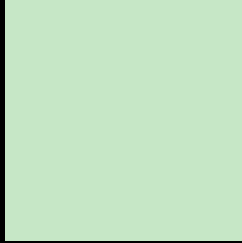
Large Text (above 18pt) WCAG AA × Fail

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 62.0577, 73.2348, 64.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

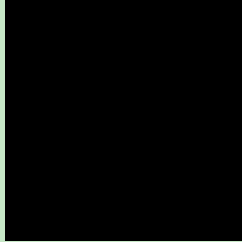
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

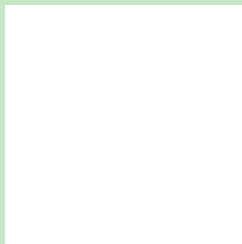
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0577, 73.2348, 64.2910

Background



This preview shows how black text looks on a background with the XYZ color 62.0577, 73.2348, 64.2910.

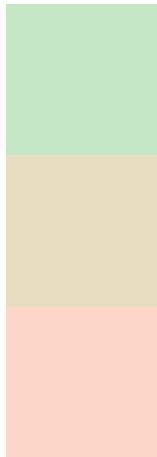


This preview shows how white text looks on a background with the XYZ color 62.0577, 73.2348,

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

62.0577, 73.2348, 64.2910

Protanopia

68.7608, 72.7190, 60.8642

Deuteranopia

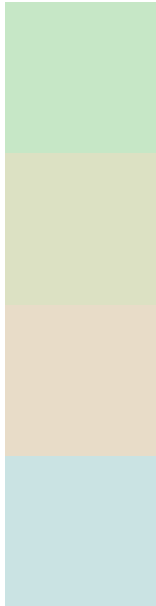
74.3728, 72.8194, 65.3940



Tritanopia

68.2797, 73.3006, 95.3437

Trichromacy



Original Color

62.0577, 73.2348, 64.2910

Protanomaly

66.2907, 73.0062, 62.2275

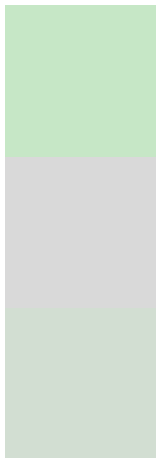
Deuteranomaly

69.2972, 72.5123, 64.9875

Tritanomaly

65.6913, 73.0408, 83.3090

Monochromacy



Original Color

62.0577, 73.2348, 64.2910

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3325, 70.5973, 71.2087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0577, 73.2348, 64.2910 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(198, 231, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 198)  
}
```

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(198, 231, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.0577, 73.2348, 64.2910 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(198, 231, 198) }
```


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

```
.border{ border-color:rgb(198, 231, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 231, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0577, 73.2348, 64.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 198) }
```

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

```
.background{ background-color: rgb(198,  
231, 198) }
```

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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