

Converting Colors

XYZ(62.1329, 74.3359, 57.8269)

Have a look what the booklet for
XYZ(62.1329, 74.3359, 57.8269)
contains.

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Color

**XYZ(62.1959, 74.2832,
58.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E9BB
RGB	201, 233, 187
RGB Percent	79%, 91%, 73%
CMY	0.2118, 0.0863, 0.2667
CMYK	0.14, 0.00, 0.20, 0.09
HSL	102°, 51%, 82%
HSV	102°, 20%, 91%
XYZ	62.1959, 74.2832, 58.0737
YIQ	218.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

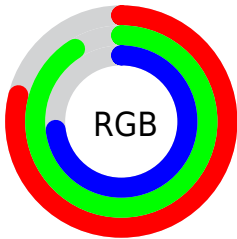
Format	Color
RYB	187, 233, 219
Decimal	13232571
CIELab	89.06, -18.74, 18.94
CIELCh	89, 26.642, 134.701
Yxy	74.2832, 0.3197, 0.3818
Android (android.graphics.Color)	4291422651 (0xFFC9E9BB)
YUV	218.1880, -15.3757, -15.0739
Hunter-Lab	86.1877, -22.0170, 20.3815

Details

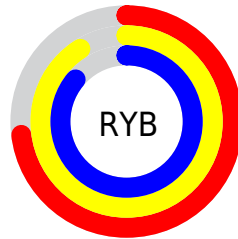
The XYZ color **62.1959, 74.2832, 58.0737** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6948, 56.4860, 84.7460**, and the grayscale version is **66.8768, 70.3596, 76.6216**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.0578, 39.3686, 28.4635** is the 20% darker color. If you saturate the color by 10%, you get **55.7714, 71.2387, 45.7917**, and if you desaturate by 10%, it is **69.4890, 77.7331, 72.5121**.

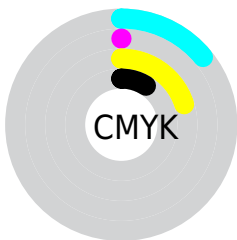
Distribution



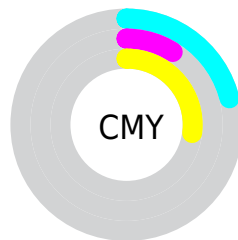
- Red (79%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)





- Cyan (21%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1959, 74.2832, 58.0737 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 62.1959, 74.2832, 58.0737 by changing the saturation by 10% instead.


 62.1959, 74.2832,
58.0737

 62.1959, 74.2832,
58.0737

422.3515,
475.4502, 435.0664

 45.4472, 55.0259,
41.4528


 107.0970,
125.2972, 103.5460

 32.0126, 39.4224,
28.3507


135.9800,
157.8226, 133.2345

 21.5267, 27.0885,
18.3489


169.6386,
195.5395, 168.1160

 13.6242, 17.6397,
11.0287

208.4380,
238.8323, 208.6089

 7.9397, 10.6916,
5.9717

252.7437,
288.0854, 255.1319

 4.1079, 5.8599,
2.7594


302.9209,


 1.7633, 2.7601,


343.6831, 308.1034


0.9731


359.3351,
406.0099, 367.9421


 0.4954, 1.0078,
0.0000


 0.0000, 0.0000,
0.0000


 62.1959, 74.2832,
58.0737


 62.1959, 74.2832,
58.0737

 55.7714, 71.2387,
45.7917

 69.4890, 77.7331,
72.5121


 50.1760, 68.5748,
35.5579

 77.6766, 81.5932,
89.1983

 45.3755, 66.2787,
27.2621

 86.4828, 85.7568,
106.6023

 41.3312, 64.3331,
20.7818

 88.4304, 86.7608,
106.6935

■ 38.0005, 62.7189,
15.9804

■ 35.3363, 61.4152,
12.7023

■ 33.2843, 60.3982,
10.7624

■ 31.7657, 59.6339,
9.8534

■ 31.7319, 59.6168,
9.8348

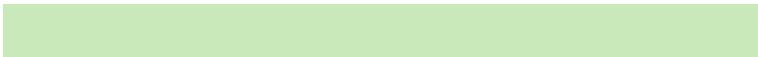
Harmonies

Analogous

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



67.4884, 74.2832, 51.0388



62.1959, 74.2832, 58.0737



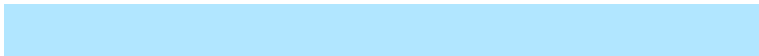
59.2529, 74.2832, 71.8257

Triad

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



62.1959, 74.2832, 58.0737



67.3667, 74.2832, 120.4220



83.3568, 74.2832, 72.1583

Complementary

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



62.1959, 74.2832, 58.0737



61.6948, 56.4860, 84.7460

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.



83.3193, 74.2832, 90.6688



62.1959, 74.2832, 58.0737



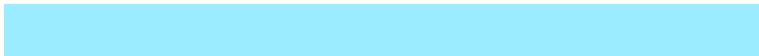
73.8140, 74.2832, 120.5476

Square

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



62.1959, 74.2832, 58.0737



62.1115, 74.2832, 108.6734



79.7376, 74.2832, 108.9941



79.8372, 74.2832, 58.2849

Rectangle

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



62.1959, 74.2832, 58.0737



58.8980, 74.2832, 83.8424



79.7376, 74.2832, 108.9941



83.7664, 74.2832, 77.9917

Sweetspot

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



62.1979, 74.2864, 58.0753



88.8754, 97.0903, 96.2607



67.7609, 71.2825, 57.2023



18.8844, 20.7159, 20.3225



0.0000, 0.0000, 0.0000



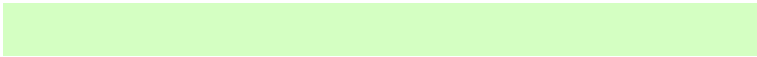
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1979, 74.2864, 58.0753



72.7487, 89.4661, 64.3557



59.5341, 72.8058, 62.8037



15.2994, 17.0843, 16.0100



18.1147, 33.8830, 5.5853



1.5171, 2.7094, 0.4430

Inverse Universe

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



61.6948, 56.4860, 84.7460



72.0146, 63.6120, 103.0905



64.9089, 58.2789, 78.7558



15.2428, 15.0704, 19.0278



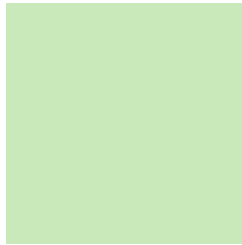
16.9434, 7.7706, 44.3498



1.4275, 0.6602, 3.4871

Previews

White Background



This preview shows how the XYZ color 62.1959, 74.2832, 58.0737 looks on a white background.

Color Contrast Check

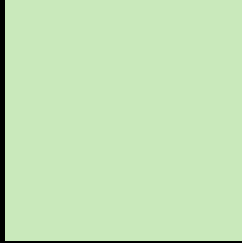
Large Text (above 18pt) WCAG AA × Fail

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 62.1959, 74.2832, 58.0737 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

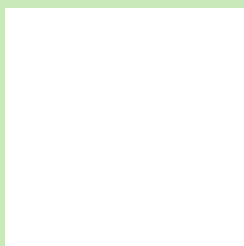
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1959, 74.2832, 58.0737

Background



This preview shows how black text looks on a background with the XYZ color 62.1959, 74.2832, 58.0737.



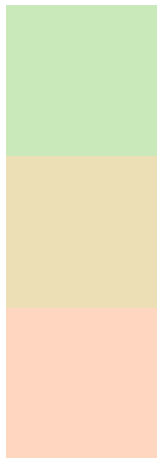
This preview shows how white text looks on a background with the XYZ color 62.1959, 74.2832,

58.0737.

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

62.1959, 74.2832, 58.0737

Protanopia

69.4232, 73.9856, 54.8776

Deuteranopia

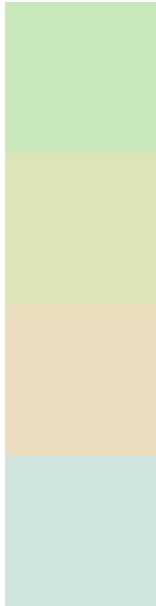
75.0549, 73.6666, 60.1324



Tritanopia

69.6812, 74.0231, 95.4093

Trichromacy



Original Color

62.1959, 74.2832, 58.0737

Protanomaly

66.5522, 74.0868, 56.1399

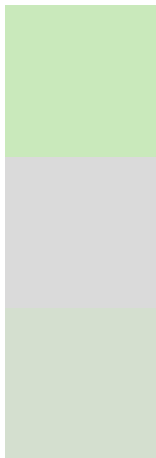
Deuteranomaly

69.6765, 73.6224, 59.2534

Tritanomaly

66.7948, 74.0799, 80.5904

Monochromacy



Original Color

62.1959, 74.2832, 58.0737

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.8015, 71.2774, 69.3740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1959, 74.2832, 58.0737 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(201, 233, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 233, 187)  
}
```

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(201, 233, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 233, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.1959, 74.2832, 58.0737 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(201, 233, 187) }
```


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

```
.border{ border-color:rgb(201, 233, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 233, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 233, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 233, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 233,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1959, 74.2832, 58.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 233, 187) }
```

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

```
.background{ background-color: rgb(201,  
233, 187) }
```

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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