

Converting Colors

XYZ(62.7592, 73.9265, 57.0876)

Have a look what the booklet for
XYZ(62.7592, 73.9265, 57.0876)
contains.

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Color

**XYZ(62.5097, 73.6337,
56.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE7B9
RGB	205, 231, 185
RGB Percent	80%, 91%, 73%
CMY	0.1961, 0.0941, 0.2745
CMYK	0.11, 0.00, 0.20, 0.09
HSL	94°, 49%, 82%
HSV	94°, 20%, 91%
XYZ	62.5097, 73.6337, 56.8171
YIQ	217.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

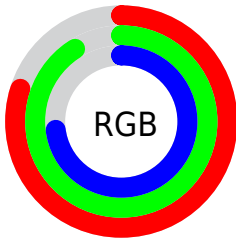
Format	Color
RYB	185, 231, 211
Decimal	13494201
CIELab	88.75, -16.69, 19.59
CIELCh	89, 25.731, 130.432
Yxy	73.6337, 0.3240, 0.3816
Android (android.graphics.Color)	4291684281 (0xFFCDE7B9)
YUV	217.9820, -16.2601, -11.3852
Hunter-Lab	85.8101, -20.1365, 20.8096

Details

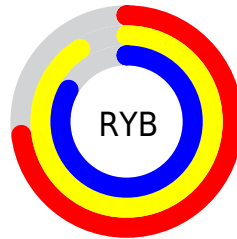
The XYZ color **62.5097, 73.6337, 56.8171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6397, 54.3184, 82.9990**, and the grayscale version is **66.7388, 70.2144, 76.4634**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **32.0725, 38.8099, 27.6305** is the 20% darker color. If you saturate the color by 10%, you get **56.8140, 70.9589, 44.8386**, and if you desaturate by 10%, it is **68.9063, 76.6284, 70.8997**.

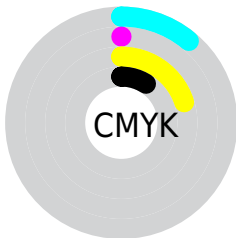
Distribution



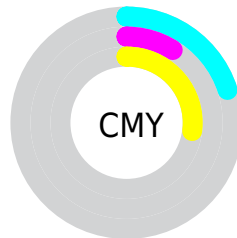
- Red (80%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)





- Cyan (20%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5097, 73.6337, 56.8171 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 62.5097, 73.6337, 56.8171 by changing the saturation by 10% instead.


 62.5097, 73.6337,
56.8171

 62.5097, 73.6337,
56.8171


423.4759,
473.2082, 430.2381

 45.7018, 54.4943,
40.4500


 107.5476,
124.3764, 101.6959

 32.2142, 38.9970,
27.5731


136.5084,
156.7485, 131.0448

 21.6815, 26.7574,
17.7679


170.2509,
194.3003, 165.5580

 13.7384, 17.3911,
10.6158

209.1404,
237.4161, 205.6541

 8.0194, 10.5137,
5.6982

253.5423,
286.4804, 251.7516

 4.1593, 5.7409,
2.5966


303.8219,

 1.7926, 2.6882,


341.8776, 304.2691


0.8907


360.3447,
403.9921, 363.6251


 0.5132, 0.9712,
0.0000


 0.0000, 0.0000,
0.0000


 62.5097, 73.6337,
56.8171


 62.5097, 73.6337,
56.8171

 56.8140, 70.9589,
44.8386


 68.9063, 76.6284,
70.8997


 51.7868, 68.5830,
34.8583

 76.0227, 79.9442,
87.1757

 47.4020, 66.4970,
26.7687

 83.8845, 83.5944,
105.7352

 43.6287, 64.6878,
20.4498

 87.8674, 85.6347,
106.5058

■ 40.4337, 63.1410,
15.7682

■ 37.7792, 61.8406,
12.5714

■ 35.6218, 60.7681,
10.6783

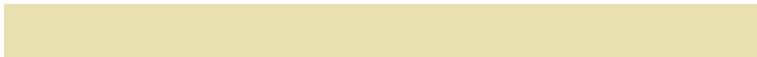
■ 33.8935, 59.8952,
9.7802

■ 33.8800, 59.8884,
9.7740

Harmonies

Analogous

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



67.8422, 73.6337, 50.9746



62.5097, 73.6337, 56.8171



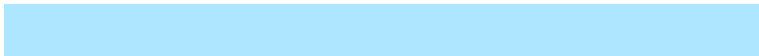
59.3068, 73.6337, 69.2365

Triad

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



62.5097, 73.6337, 56.8171



66.0552, 73.6337, 116.9923



82.4261, 73.6337, 74.1281

Complementary

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



62.5097, 73.6337, 56.8171



58.6397, 54.3184, 82.9990

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.



81.8773, 73.6337, 92.2080



62.5097, 73.6337, 56.8171



72.1757, 73.6337, 118.8190

Square

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



62.5097, 73.6337, 56.8171



61.2682, 73.6337, 104.5161



78.0372, 73.6337, 109.1895



79.4952, 73.6337, 59.9403

Rectangle

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



62.5097, 73.6337, 56.8171



58.6904, 73.6337, 80.4335



78.0372, 73.6337, 109.1895



82.6466, 73.6337, 79.9162

Sweetspot

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



62.5117, 73.6369, 56.8187



89.5730, 97.4499, 96.2933



64.8355, 66.7360, 55.3642



19.0490, 20.8008, 20.3302



0.0000, 0.0000, 0.0000



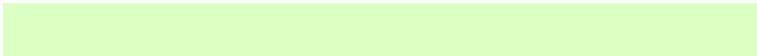
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5117, 73.6369, 56.8187



75.1132, 90.6850, 64.4663



57.5875, 71.0701, 57.8662



14.7807, 16.3940, 15.2898



19.1292, 33.6430, 5.4855



1.5185, 2.5402, 0.4103

Inverse Universe

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



58.6397, 54.3184, 82.9990



69.4175, 62.2732, 102.9690



64.4078, 57.3293, 81.5840



14.3586, 14.2871, 18.1452



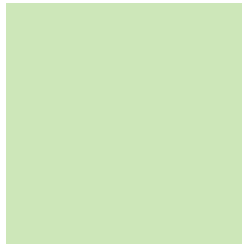
13.4419, 5.9955, 42.8319



1.0994, 0.4977, 3.1701

Previews

White Background



This preview shows how the XYZ color 62.5097, 73.6337, 56.8171 looks on a white background.

Color Contrast Check

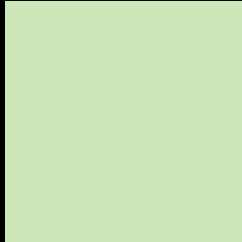
Large Text (above 18pt) WCAG AA × Fail

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 62.5097, 73.6337, 56.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

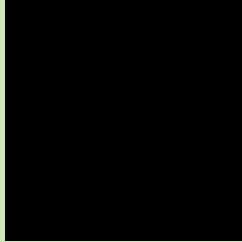
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

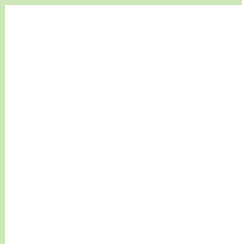
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5097, 73.6337, 56.8171

Background



This preview shows how black text looks on a background with the XYZ color 62.5097, 73.6337, 56.8171.

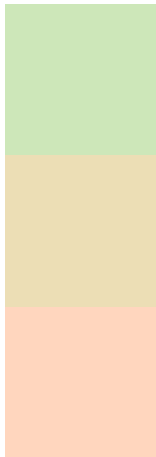


This preview shows how white text looks on a background with the XYZ color 62.5097, 73.6337,

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



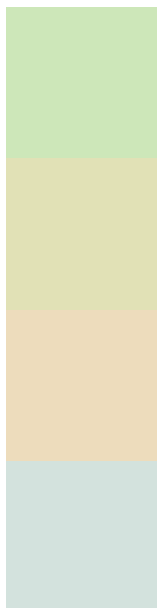
Original Color
62.5097, 73.6337, 56.8171
Protanopia
69.0538, 73.4116, 54.2464
Deuteranopia
74.5808, 73.0708, 58.8884



Tritanopia

69.9964, 73.4224, 93.7018

Trichromacy



Original Color

62.5097, 73.6337, 56.8171

Protanomaly

66.4200, 73.2354, 54.8911

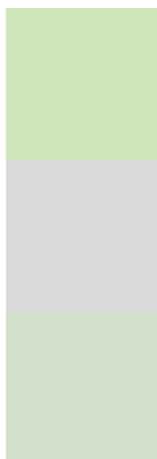
Deuteranomaly

69.5954, 72.8218, 57.9649

Tritanomaly

67.1115, 73.4621, 79.0491

Monochromacy



Original Color

62.5097, 73.6337, 56.8171

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9688, 71.3777, 68.7456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5097, 73.6337, 56.8171 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(205, 231, 185)` looks like.

```
.text, #text, p{  
    color:rgb(205, 231, 185)  
}
```

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(205, 231, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 231, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.5097, 73.6337, 56.8171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

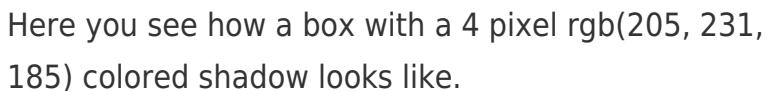
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 231, 185) }
```


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

```
.border{ border-color:rgb(205, 231, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 231, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 231, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 231, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 231,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5097, 73.6337, 56.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 231, 185) }
```

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

```
.background{ background-color: rgb(205,  
231, 185) }
```

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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