

Converting Colors

XYZ(62.7924, 73.9492, 52.4676)

Have a look what the booklet for
XYZ(62.7924, 73.9492, 52.4676)
contains.

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Color

**XYZ(62.8062, 73.8815,
52.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E7B1
RGB	209, 231, 177
RGB Percent	82%, 91%, 69%
CMY	0.1804, 0.0941, 0.3059
CMYK	0.10, 0.00, 0.23, 0.09
HSL	84°, 53%, 80%
HSV	84°, 23%, 91%
XYZ	62.8062, 73.8815, 52.5453
YIQ	218.2660, 4.2220, -21.4580

Conversions

Conversions Part 2

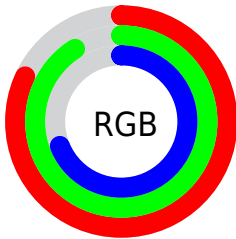
Format	Color
RYB	177, 231, 199
Decimal	13756337
CIELab	88.87, -16.51, 23.93
CIELCh	89, 29.070, 124.600
Yxy	73.8815, 0.3319, 0.3904
Android (android.graphics.Color)	4291946417 (0xFFD1E7B1)
YUV	218.2660, -20.3441, -8.1263
Hunter-Lab	85.9543, -19.9915, 23.9231

Details

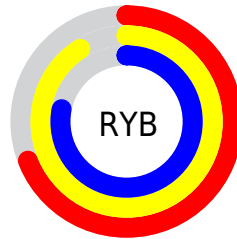
The XYZ color **62.8062, 73.8815, 52.5453** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7022, 49.3580, 82.3021**, and the grayscale version is **66.9598, 70.4469, 76.7167**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **32.2945, 38.9852, 24.8916** is the 20% darker color. If you saturate the color by 10%, you get **58.1114, 71.7074, 41.3070**, and if you desaturate by 10%, it is **68.0520, 76.2991, 65.8470**.

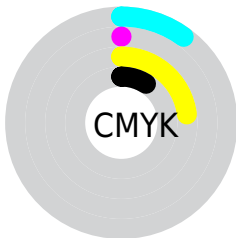
Distribution



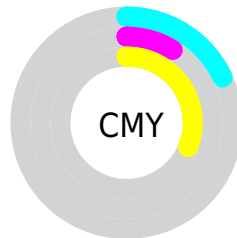
- Red (82%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8062, 73.8815, 52.5453 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 62.8062, 73.8815, 52.5453 by changing the saturation by 10% instead.


 62.8062, 73.8815,
52.5453

 62.8062, 73.8815,
52.5453


424.5367,
474.0643, 413.5549

 45.9425, 54.6971,
37.0547


 107.9733,
124.7278, 95.3697

 32.4049, 39.1592,
24.9537


137.0073,
157.1585, 123.5406

 21.8280, 26.8836,
15.8239


170.8289,
194.7733, 156.7752

 13.8465, 17.4858,
9.2466

209.8033,
237.9568, 195.4923

 8.0949, 10.5815,
4.8034

254.2959,
287.0932, 240.1102

 4.2081, 5.7862,
2.0756

304.6721,

 1.8205, 2.7155,

342.5670, 291.0476

0.6012

361.2973,
404.7625, 348.7230

■ 0.5300, 0.9851,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8062, 73.8815,
52.5453

■ 62.8062, 73.8815,
52.5453

■ 58.1114, 71.7074,
41.3070

■ 68.0520, 76.2991,
65.8470

■ 53.9396, 69.7579,
32.0238

■ 73.8640, 78.9592,
81.3033

■ 50.2686, 68.0263,
24.5849

■ 80.2637, 81.8731,
99.0062

■ 47.0720, 66.5016,
18.8664

■ 84.8626, 84.0859,
106.3652

■ 44.3206, 65.1720,
14.7292

■ 87.8675, 85.6349,
106.5058

■ 41.9808, 64.0235,
12.0128

■ 40.0126, 63.0398,
10.5222

■ 38.8738, 62.4629,
10.0077

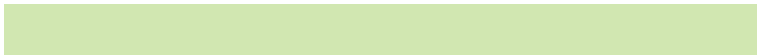
Harmonies

Analogous

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



69.1412, 73.8815, 47.6345



62.8062, 73.8815, 52.5453



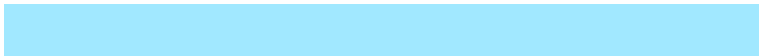
58.6804, 73.8815, 64.9220

Triad

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



62.8062, 73.8815, 52.5453



64.5694, 73.8815, 120.8333



84.6114, 73.8815, 77.3726

Complementary

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



62.8062, 73.8815, 52.5453



53.7022, 49.3580, 82.3021

Split Complementary

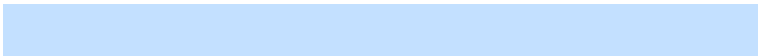
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1859, 73.8815, 98.2625



62.8062, 73.8815, 52.5453



71.3143, 73.8815, 125.6516

Square

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



62.8062, 73.8815, 52.5453



59.6497, 73.8815, 104.5509



78.2000, 73.8815, 116.7978



81.9754, 73.8815, 60.3612

Rectangle

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



62.8062, 73.8815, 52.5453



57.5788, 73.8815, 76.8476



78.2000, 73.8815, 116.7978



84.5928, 73.8815, 84.1517

Sweetspot

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



62.8081, 73.8847, 52.5469



89.6825, 97.5497, 94.3379



61.2251, 60.8289, 50.1103



19.1003, 20.8360, 19.9373



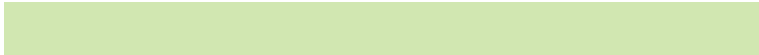
0.0000, 0.0000, 0.0000



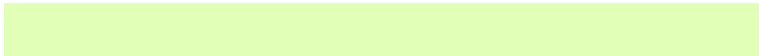
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8081, 73.8847, 52.5469



75.7045, 91.1175, 58.7253



55.9001, 70.3235, 52.2236



15.0039, 16.5091, 15.3002



21.9361, 35.0900, 5.6169



1.7257, 2.6470, 0.4200

Inverse Universe

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



53.7022, 49.3580, 82.3021



62.4593, 55.4354, 102.0159



61.3875, 53.3199, 82.6617



14.1361, 14.1724, 18.1348



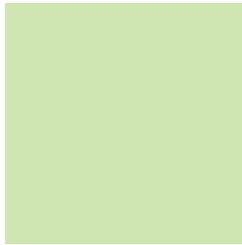
10.8137, 4.6406, 42.7089



0.9022, 0.3961, 3.1609

Previews

White Background



This preview shows how the XYZ color 62.8062, 73.8815, 52.5453 looks on a white background.

Color Contrast Check

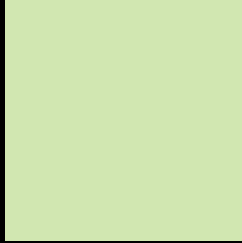
Large Text (above 18pt) WCAG AA × Fail

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 62.8062, 73.8815, 52.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

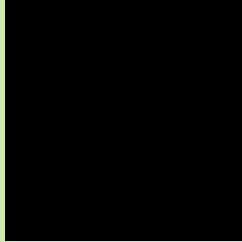
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

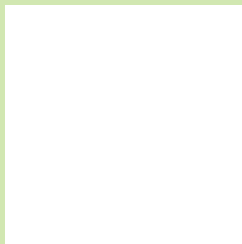
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8062, 73.8815, 52.5453

Background



This preview shows how black text looks on a background with the XYZ color 62.8062, 73.8815, 52.5453.

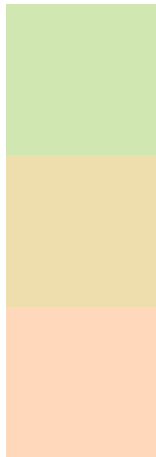


This preview shows how white text looks on a background with the XYZ color 62.8062, 73.8815,

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

62.8062, 73.8815, 52.5453

Protanopia

68.9240, 73.4368, 50.0772

Deuteranopia

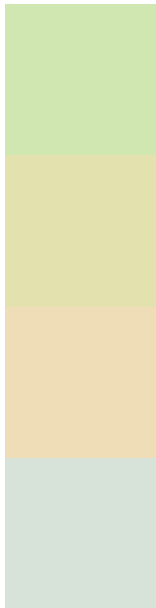
74.4034, 73.4060, 56.7017



Tritanopia

71.0293, 73.9720, 92.9725

Trichromacy



Original Color

62.8062, 73.8815, 52.5453

Protanomaly

66.2437, 73.2373, 50.6892

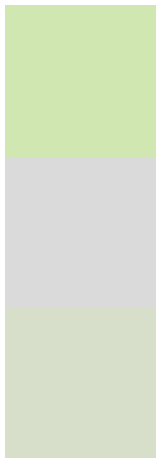
Deuteranomaly

69.6636, 73.3089, 55.2781

Tritanomaly

67.7451, 73.8495, 76.3295

Monochromacy



Original Color

62.8062, 73.8815, 52.5453

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.1915, 71.5342, 66.8714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8062, 73.8815, 52.5453 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(209, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 177)  
}
```

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(209, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 177) }
```

Border

The CSS property to change the border of an element to XYZ 62.8062, 73.8815, 52.5453 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(209, 231, 177) }
```


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

```
.border{ border-color:rgb(209, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 231, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 231, 177); box-shadow:4px 4px 4px 4px rgb(209, 231, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8062, 73.8815, 52.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 177) }
```

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

```
.background{ background-color: rgb(209,  
231, 177) }
```

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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