

Converting Colors

XYZ(62.5100, 75.4425, 51.5693)

Have a look what the booklet for
XYZ(62.5100, 75.4425, 51.5693)
contains.

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Color

**XYZ(62.6230, 75.4909,
51.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEBAF
RGB	205, 235, 175
RGB Percent	80%, 92%, 69%
CMY	0.1961, 0.0784, 0.3137
CMYK	0.13, 0.00, 0.26, 0.08
HSL	90°, 60%, 80%
HSV	90°, 26%, 92%
XYZ	62.6230, 75.4909, 51.8281
YIQ	219.1900, 1.3800, -25.0200

Conversions

Conversions Part 2

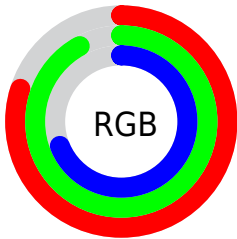
Format	Color
RYB	175, 235, 205
Decimal	13495215
CIELab	89.62, -20.19, 25.95
CIELCh	90, 32.878, 127.885
Yxy	75.4909, 0.3297, 0.3974
Android (android.graphics.Color)	4291685295 (0xFFCDEBAF)
YUV	219.1900, -21.7857, -12.4446
Hunter-Lab	86.8855, -23.3952, 25.4528

Details

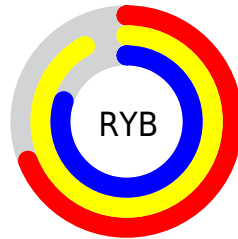
The XYZ color **62.6230, 75.4909, 51.8281** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.5053, 49.6394, 85.2572**, and the grayscale version is **67.6113, 71.1324, 77.4632**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **32.2106, 40.1294, 24.4604** is the 20% darker color. If you saturate the color by 10%, you get **57.3925, 73.0407, 40.5656**, and if you desaturate by 10%, it is **68.5027, 78.2339, 65.2208**.

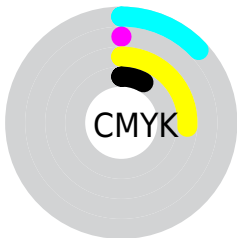
Distribution



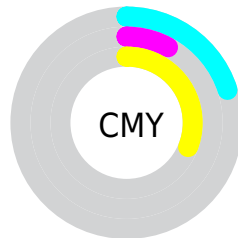
- Red (80%)
- Green (92%)
- Blue (69%)



- Red (69%)
- Yellow (92%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (20%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6230, 75.4909, 51.8281 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 62.6230, 75.4909, 51.8281 by changing the saturation by 10% instead.


 62.6230, 75.4909,
51.8281

 62.6230, 75.4909,
51.8281


423.8814,
479.6032, 410.7107

 45.7938, 56.0151,
36.4868


 107.7103,
127.0070, 94.3017

 32.2871, 40.2151,
24.5177


136.6991,
159.8162, 122.2710

 21.7375, 27.7063,
15.5024


170.4718,
197.8386, 155.2868

 13.7796, 18.1044,
9.0222

209.3938,
241.4586, 193.7675

 8.0482, 11.0249,
4.6586

253.8304,
291.0607, 238.1317

 4.1779, 6.0836,
1.9932

304.1469,

 1.8033, 2.8960,

347.0292, 288.7979

0.5511

360.7088,
409.7486, 346.1847

■ 0.5196, 1.0777,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6230, 75.4909,
51.8281

■ 62.6230, 75.4909,
51.8281

■ 57.3925, 73.0407,
40.5656

■ 68.5027, 78.2339,
65.2208

■ 52.7792, 70.8623,
31.3185

■ 75.0501, 81.2703,
80.8407

■ 48.7568, 68.9472,
23.9688

■ 82.2902, 84.6131,
98.7848

■ 45.2946, 67.2824,
18.3841

■ 87.9071, 87.3364,
106.8321

■ 42.3582, 65.8534,
14.4150

■ 88.9999, 87.8997,
106.8833

■ 39.9087, 64.6440,
11.8874

■ 37.8987, 63.6346,
10.5868

■ 37.1121, 63.2357,
10.2497

Harmonies

Analogous

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



69.6404, 75.4909, 45.5137



62.6230, 75.4909, 51.8281



58.2923, 75.4909, 66.5494

Triad

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



62.6230, 75.4909, 51.8281



66.0571, 75.4909, 130.7250



88.2779, 75.4909, 76.2396

Complementary

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



62.6230, 75.4909, 51.8281



55.5053, 49.6394, 85.2572

Split Complementary

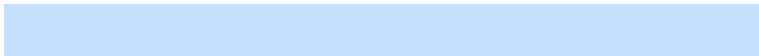
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1384, 75.4909, 100.1226



62.6230, 75.4909, 51.8281



73.9055, 75.4909, 134.6532

Square

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



62.6230, 75.4909, 51.8281



60.1688, 75.4909, 112.6785



81.7273, 75.4909, 122.5793



84.7335, 75.4909, 57.7769

Rectangle

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



62.6230, 75.4909, 51.8281



57.3113, 75.4909, 80.5643



81.7273, 75.4909, 122.5793



88.4346, 75.4909, 83.8511

Sweetspot

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



62.6250, 75.4942, 51.8297



88.2837, 96.8714, 92.3396



63.8330, 64.4228, 49.6291



18.6368, 20.6142, 19.1410



0.0000, 0.0000, 0.0000



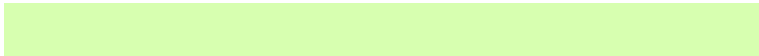
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6250, 75.4942, 51.8297



71.7543, 89.1711, 54.4782



55.1276, 71.6292, 51.4789



15.5859, 17.2320, 16.0234



20.8008, 35.2677, 5.7110



1.7443, 2.8266, 0.4536

Inverse Universe

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



55.5053, 49.6394, 85.2572



61.7308, 52.7708, 101.5400



64.5893, 54.3224, 85.6824



14.9489, 14.9189, 19.0140



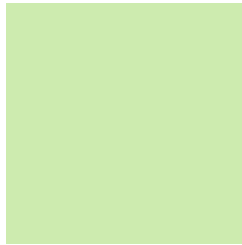
12.6143, 5.5388, 44.1472



1.1015, 0.4921, 3.4718

Previews

White Background



This preview shows how the XYZ color 62.6230, 75.4909, 51.8281 looks on a white background.

Color Contrast Check

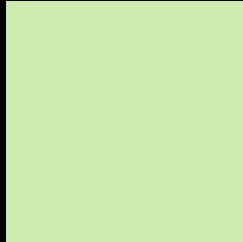
Large Text (above 18pt) WCAG AA × Fail

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 62.6230, 75.4909, 51.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

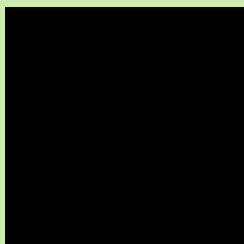
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

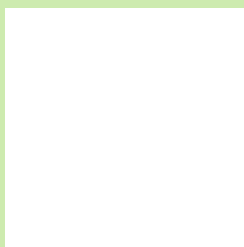
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6230, 75.4909, 51.8281

Background



This preview shows how black text looks on a background with the XYZ color 62.6230, 75.4909, 51.8281.



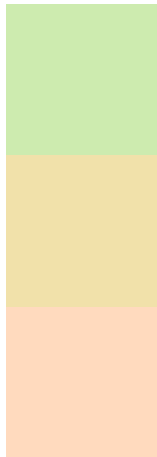
This preview shows how white text looks on a background with the XYZ color 62.6230, 75.4909,

51.8281.

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

62.6230, 75.4909, 51.8281

Protanopia

70.4565, 75.4535, 48.8807

Deuteranopia

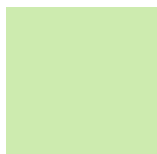
75.6057, 75.1205, 59.2301



Tritanopia

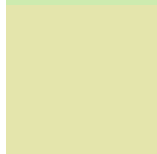
71.5498, 75.3714, 96.3650

Trichromacy



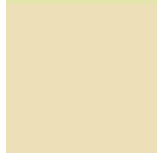
Original Color

62.6230, 75.4909, 51.8281



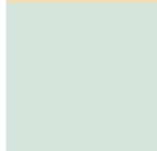
Protanomaly

67.4606, 75.5112, 50.0493



Deuteranomaly

70.3377, 74.8186, 56.6332



Tritanomaly

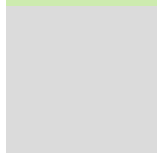
67.6695, 75.0020, 77.9281

Monochromacy



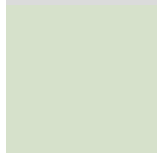
Original Color

62.6230, 75.4909, 51.8281



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

65.4363, 72.4584, 67.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6230, 75.4909, 51.8281 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, 235, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 175)  
}
```

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, 235, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.6230, 75.4909, 51.8281 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, 235, 175) }
```


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

```
.border{ border-color:rgb(205, 235, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6230, 75.4909, 51.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 175) }
```

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

```
.background{ background-color: rgb(205,  
235, 175) }
```

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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