

Converting Colors

XYZ(62.8352, 71.6508, 62.9067)

Have a look what the booklet for
XYZ(62.8352, 71.6508, 62.9067)
contains.

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Color

**XYZ(62.8923, 71.6436,
62.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE2C4
RGB	207, 226, 196
RGB Percent	81%, 89%, 77%
CMY	0.1882, 0.1137, 0.2314
CMYK	0.08, 0.00, 0.13, 0.11
HSL	98°, 34%, 83%
HSV	98°, 13%, 89%
XYZ	62.8923, 71.6436, 62.7384
YIQ	216.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

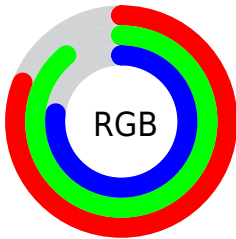
Format	Color
RYB	196, 226, 215
Decimal	13624004
CIELab	87.80, -11.70, 12.53
CIElCh	88, 17.145, 133.023
Yxy	71.6436, 0.3188, 0.3632
Android (android.graphics.Color)	4291814084 (0xFFCFE2C4)
YUV	216.8990, -10.3032, -8.6814
Hunter-Lab	84.6425, -15.4929, 15.3031

Details

The XYZ color **62.8923, 71.6436, 62.7384** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.4945, 59.4199, 80.1833**, and the grayscale version is **65.9550, 69.3898, 75.5655**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **32.5823, 37.8511, 31.1799** is the 20% darker color. If you saturate the color by 10%, you get **56.6919, 68.7245, 50.0162**, and if you desaturate by 10%, it is **69.8468, 74.9109, 77.5216**.

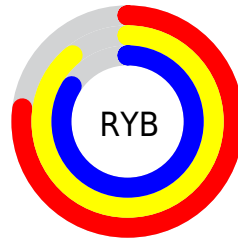
Distribution



Red (81%)

Green (89%)

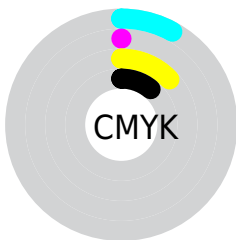
Blue (77%)



Red (77%)

Yellow (89%)

Blue (84%)

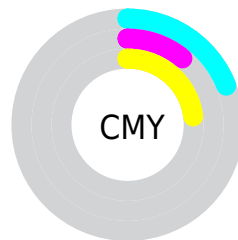


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8923, 71.6436, 62.7384 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 62.8923, 71.6436, 62.7384 by changing the saturation by 10% instead.

62.8923, 71.6436,
62.7384

62.8923, 71.6436,
62.7384

424.8444,
466.3002, 452.7012

46.0124, 52.8676,
45.1900

108.0968,
121.5497, 110.3739

32.4603, 37.6971,
31.2630

137.1521,
153.4486, 141.2981

21.8706, 25.7477,
20.5391

170.9966,
190.4905, 177.5180

13.8779, 16.6350,
12.5996

209.9957,
233.0599, 219.4521

8.1169, 9.9746,
7.0259

254.5146,
281.5412, 267.5189

4.2223, 5.3821,
3.3996

304.9188,

1.8286, 2.4732,

336.3187, 322.1370

1.3021

361.5736,
397.7769, 383.7249

■ 0.5348, 0.8631,
0.0635

■ 0.0000, 0.0000,
0.0000

■ 62.8923, 71.6436,
62.7384

■ 62.8923, 71.6436,
62.7384

■ 56.6919, 68.7245,
50.0162

■ 69.8468, 74.9109,
77.5216

■ 51.2129, 66.1324,
39.2590

■ 77.5750, 78.5283,
94.4469

■ 46.4287, 63.8578,
30.3700

■ 84.6529, 81.9296,
105.9600

■ 42.3086, 61.8873,
23.2423

■ 86.4878, 82.8755,
106.0459

■ 38.8194, 60.2063,
17.7585

■ 35.9247, 58.7990,
13.7863

■ 33.5833, 57.6473,
11.1737

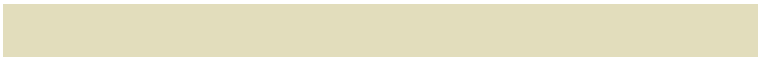
■ 31.7472, 56.7307,
9.7362

■ 30.7522, 56.2279,
9.2323

Harmonies

Analogous

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



66.3462, 71.6436, 58.1400



62.8923, 71.6436, 62.7384



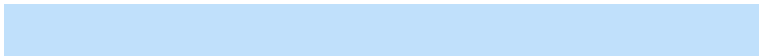
60.8790, 71.6436, 71.6430

Triad

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



62.8923, 71.6436, 62.7384



65.8349, 71.6436, 101.4751



76.0103, 71.6436, 73.0637

Complementary

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



62.8923, 71.6436, 62.7384



61.4945, 59.4199, 80.1833

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.



75.8600, 71.6436, 84.7386



62.8923, 71.6436, 62.7384



69.8745, 71.6436, 101.9529

Square

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



62.8923, 71.6436, 62.7384



62.5309, 71.6436, 94.3262



73.5772, 71.6436, 95.5729



73.9800, 71.6436, 63.6889

Rectangle

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



62.8923, 71.6436, 62.7384



60.5730, 71.6436, 79.1962



73.5772, 71.6436, 95.5729



76.2155, 71.6436, 76.8312

Sweetspot

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



62.8942, 71.6467, 62.7400



91.1138, 98.1556, 100.3699



65.6311, 68.7581, 62.0381



19.3476, 20.9369, 21.1509



0.0000, 0.0000, 0.0000



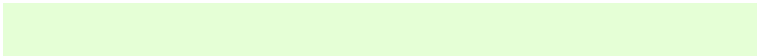
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8942, 71.6467, 62.7400



80.2866, 93.0692, 77.4849



60.3888, 70.3018, 65.0317



14.0009, 15.5806, 14.5762



17.6628, 32.1380, 5.2723



1.3205, 2.2772, 0.3700

Inverse Universe

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



61.4945, 59.4199, 80.1833



78.0968, 73.9471, 104.7648



64.2914, 60.9244, 77.4816



13.7824, 13.6714, 17.3001



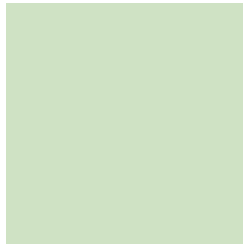
14.4433, 6.5411, 41.5497



1.0986, 0.5036, 2.8846

Previews

White Background



This preview shows how the XYZ color 62.8923, 71.6436, 62.7384 looks on a white background.

Color Contrast Check

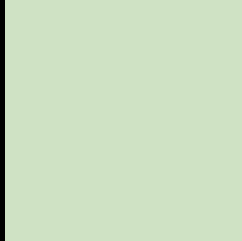
Large Text (above 18pt) WCAG AA × Fail

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 62.8923, 71.6436, 62.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

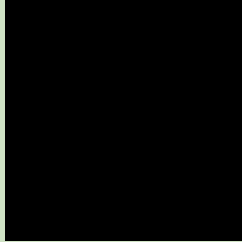
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

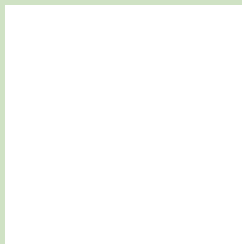
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8923, 71.6436, 62.7384

Background



This preview shows how black text looks on a background with the XYZ color 62.8923, 71.6436, 62.7384.



This preview shows how white text looks on a background with the XYZ color 62.8923, 71.6436,

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

62.8923, 71.6436, 62.7384

Protanopia

67.5903, 71.3363, 60.6590

Deuteranopia

72.9192, 71.3502, 63.9615



Tritanopia

68.4664, 71.5056, 91.0823

Trichromacy



Original Color

62.8923, 71.6436, 62.7384

Protanomaly

65.9831, 71.6672, 61.3944

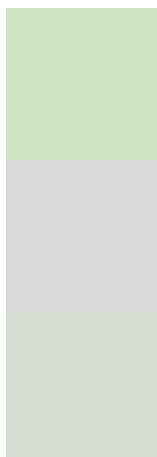
Deuteranomaly

68.9376, 71.1954, 63.5348

Tritanomaly

66.3045, 71.4191, 80.1027

Monochromacy



Original Color

62.8923, 71.6436, 62.7384

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.5424, 69.9360, 70.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8923, 71.6436, 62.7384 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(207, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 196)  
}
```

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(207, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.8923, 71.6436, 62.7384 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(207, 226, 196) }
```


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

```
.border{ border-color:rgb(207, 226, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 226, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 226,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8923, 71.6436, 62.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 196) }
```

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

```
.background{ background-color: rgb(207,  
226, 196) }
```

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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