

Converting Colors

XYZ(62.4071, 71.3537, 64.5163)

Have a look what the booklet for
XYZ(62.4071, 71.3537, 64.5163)
contains.

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Color

**XYZ(62.4070, 71.3536,
64.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2C7
RGB	204, 226, 199
RGB Percent	80%, 89%, 78%
CMY	0.2000, 0.1137, 0.2196
CMYK	0.10, 0.00, 0.12, 0.11
HSL	109°, 32%, 83%
HSV	109°, 12%, 89%
XYZ	62.4070, 71.3536, 64.5163
YIQ	216.3440, -4.4450, -13.0610

Conversions

Conversions Part 2

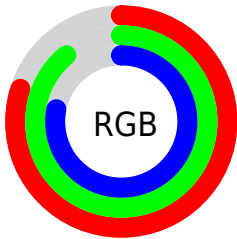
Format	Color
RYB	199, 226, 221
Decimal	13427399
CIELab	87.66, -12.22, 10.73
CIElCh	88, 16.263, 138.695
Yxy	71.3536, 0.3147, 0.3599
Android (android.graphics.Color)	4291617479 (0xFFCCE2C7)
YUV	216.3440, -8.5506, -10.8257
Hunter-Lab	84.4711, -15.9490, 13.8459

Details

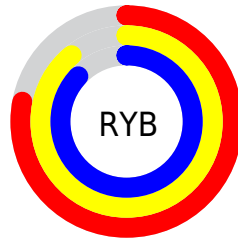
The XYZ color **62.4070, 71.3536, 64.5163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63.9726, 61.7120, 80.4951**, and the grayscale version is **65.5651, 68.9796, 75.1188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2514, 37.6542, 32.3562** is the 20% darker color. If you saturate the color by 10%, you get **55.2230, 67.9332, 51.4847**, and if you desaturate by 10%, it is **70.5816, 75.2437, 79.6316**.

Distribution



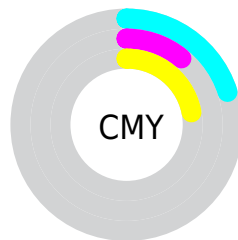
- Red (80%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4070, 71.3536, 64.5163 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 62.4070, 71.3536, 64.5163 by changing the saturation by 10% instead.

■ 62.4070, 71.3536,
64.5163

■ 62.4070, 71.3536,
64.5163

423.1081,
465.2886, 459.3103

■ 45.6185, 52.6308,
46.6201

107.4002,
121.1371, 112.9608

■ 32.1482, 37.5081,
32.3833

136.3355,
152.9665, 144.3461

■ 21.6308, 25.6012,
21.3872

170.0506,
189.9337, 181.0650

■ 13.7010, 16.5255,
13.2133

208.9106,
232.4229, 223.5358

■ 7.9933, 9.8968,
7.4431

253.2810,
280.8187, 272.1773

■ 4.1424, 5.3306,
3.6581

303.5272,

■ 1.7830, 2.4425,

335.5052, 327.4078

1.4397

360.0144,
396.8671, 389.6459

■ 0.5074, 0.8476,
0.1724

■ 0.0000, 0.0000,
0.0000

■ 62.4070, 71.3536,
64.5163

■ 62.4070, 71.3536,
64.5163

■ 55.2230, 67.9332,
51.4847

■ 70.5816, 75.2437,
79.6316

■ 48.9859, 64.9558,
40.4408

■ 79.7766, 79.6110,
96.9113

■ 43.6574, 62.4059,
31.2885

■ 86.4878, 82.8755,
106.0459

■ 39.1941, 60.2635,
23.9216

■ 35.5493, 58.5069,
18.2233

■ 32.6715, 57.1124,
14.0631

■ 30.5030, 56.0536,
11.2912

■ 28.9772, 55.3001,
9.7275

■ 28.1462, 54.8844,
9.1103

Harmonies

Analogous

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



65.4733, 71.3536, 59.2835



62.4070, 71.3536, 64.5163



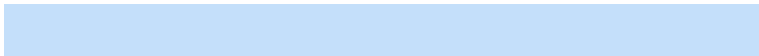
60.8136, 71.3536, 73.6079

Triad

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



62.4070, 71.3536, 64.5163



66.3780, 71.3536, 100.4008



75.0791, 71.3536, 71.0902

Complementary

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



62.4070, 71.3536, 64.5163



63.9726, 61.7120, 80.4951

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.



75.3437, 71.3536, 81.9244



62.4070, 71.3536, 64.5163



70.2210, 71.3536, 99.5638

Square

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



62.4070, 71.3536, 64.5163



63.0477, 71.3536, 94.7384



73.5361, 71.3536, 92.5494



72.8261, 71.3536, 62.8237

Rectangle

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



62.4070, 71.3536, 64.5163



60.7591, 71.3536, 80.9425



73.5361, 71.3536, 92.5494



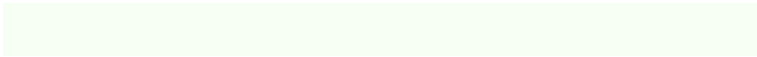
75.4066, 71.3536, 74.5296

Sweetspot

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



62.4089, 71.3567, 64.5179



90.4589, 97.8179, 100.3393



67.4268, 71.7975, 64.3385



19.1823, 20.8517, 21.1431



0.0000, 0.0000, 0.0000



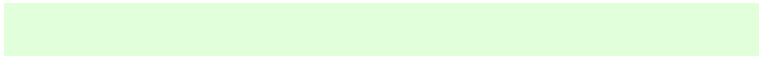
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4089, 71.3567, 64.5179



79.9214, 92.8044, 80.9258



62.0265, 71.0479, 69.5419



13.7643, 15.4587, 14.5651



16.1292, 31.3474, 5.2006



1.1877, 2.2088, 0.3637

Inverse Universe

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



63.9726, 61.7120, 80.4951



82.3099, 78.0676, 105.3381



64.4318, 62.0742, 74.8495



14.0332, 13.8007, 17.3118



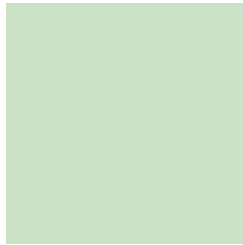
19.2242, 9.0057, 41.7734



1.3978, 0.6579, 2.8986

Previews

White Background



This preview shows how the XYZ color 62.4070, 71.3536, 64.5163 looks on a white background.

Color Contrast Check

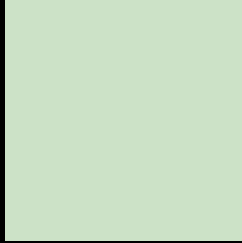
Large Text (above 18pt) WCAG AA × Fail

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 62.4070, 71.3536, 64.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

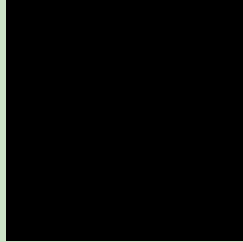
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

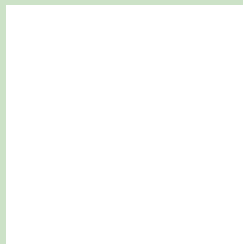
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4070, 71.3536, 64.5163

Background



This preview shows how black text looks on a background with the XYZ color 62.4070, 71.3536, 64.5163.

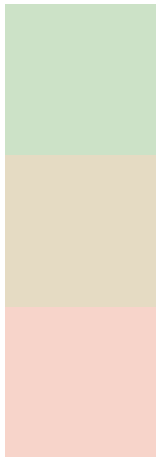


This preview shows how white text looks on a background with the XYZ color 62.4070, 71.3536,

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

62.4070, 71.3536, 64.5163

Protanopia

67.4949, 71.2612, 61.8272

Deuteranopia

72.5619, 71.1254, 65.7813



Tritanopia

67.6042, 71.0611, 91.0420

Trichromacy



Original Color

62.4070, 71.3536, 64.5163

Protanomaly

65.6003, 71.4437, 62.5571

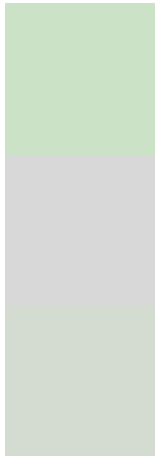
Deuteranomaly

68.3105, 70.8317, 65.3299

Tritanomaly

65.5882, 71.0343, 80.7751

Monochromacy



Original Color

62.4070, 71.3536, 64.5163

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3774, 69.8366, 71.0595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4070, 71.3536, 64.5163 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(204, 226, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 199)  
}
```

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(204, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.4070, 71.3536, 64.5163 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(204, 226, 199) }
```


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

```
.border{ border-color:rgb(204, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4070, 71.3536, 64.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 199) }
```

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

```
.background{ background-color: rgb(204,  
226, 199) }
```

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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