

Converting Colors

XYZ(62.3359, 70.7394, 59.3157)

Have a look what the booklet for
XYZ(62.3359, 70.7394, 59.3157)
contains.

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Color

**XYZ(62.2444, 70.5843,
59.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0BE
RGB	209, 224, 190
RGB Percent	82%, 88%, 75%
CMY	0.1804, 0.1215, 0.2549
CMYK	0.07, 0.00, 0.15, 0.12
HSL	86°, 35%, 81%
HSV	86°, 15%, 88%
XYZ	62.2444, 70.5843, 59.0587
YIQ	215.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

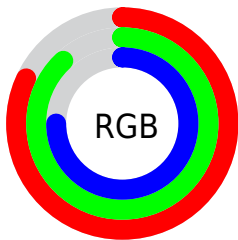
Format	Color
RYB	190, 224, 205
Decimal	13754558
CIELab	87.28, -10.98, 14.97
CIElCh	87, 18.564, 126.272
Yxy	70.5843, 0.3244, 0.3678
Android (android.graphics.Color)	4291944638 (0xFFD1E0BE)
YUV	215.6390, -12.6400, -5.8224
Hunter-Lab	84.0145, -14.7787, 17.1317

Details

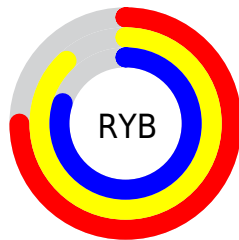
The XYZ color **62.2444, 70.5843, 59.0587** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.0476, 55.1898, 78.1707**, and the grayscale version is **65.1086, 68.4993, 74.5957**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.0298, 37.0521, 29.1305** is the 20% darker color. If you saturate the color by 10%, you get **57.2720, 68.2845, 47.0130**, and if you desaturate by 10%, it is **67.7705, 73.1302, 73.0974**.

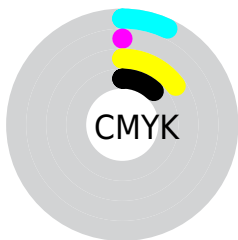
Distribution



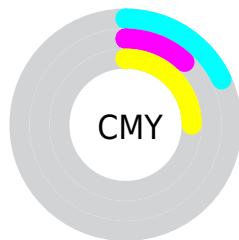
- Red (82%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)




- Cyan (18%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2444, 70.5843, 59.0587 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 62.2444, 70.5843, 59.0587 by changing the saturation by 10% instead.


 62.2444, 70.5843,
59.0587

 62.2444, 70.5843,
59.0587


422.5254,
462.5989, 438.8273

 45.4866, 52.0030,
42.2401


 107.1666,
120.0416, 104.9929

 32.0438, 37.0075,
28.9623


136.0617,
151.6865, 134.9456

 21.5506, 25.2133,
18.8070


169.7333,
188.4546, 170.1134

 13.6418, 16.2360,
11.3555

208.5466,
230.7305, 210.9147

 7.9520, 9.6913,
6.1893

252.8672,
278.8985, 257.7683

 4.1158, 5.1948,
2.8899

303.0602,

 1.7679, 2.3620,

333.3429, 311.0925

1.0387

359.4912,
394.4483, 371.3061

■ 0.4982, 0.8062,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2444, 70.5843,
59.0587

■ 62.2444, 70.5843,
59.0587

■ 57.2720, 68.2845,
47.0130

■ 67.7705, 73.1302,
73.0974

■ 52.8273, 66.2132,
36.8654

■ 73.8637, 75.9211,
89.2092

■ 48.8906, 64.3644,
28.5202

■ 80.1870, 78.8247,
105.5961

■ 45.4385, 62.7283,
21.8712

■ 83.6097, 80.5892,
105.7563

■ 42.4453, 61.2944,
16.8015

■ 85.9471, 81.7941,
105.8657

■ 39.8826, 60.0508,
13.1791

■ 37.7176, 58.9840,
10.8506

■ 35.9108, 58.0778,
9.6279

■ 35.1381, 57.6862,
9.2826

Harmonies

Analogous

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



66.1756, 70.5843, 55.3520



62.2444, 70.5843, 59.0587



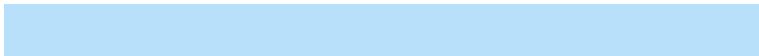
59.6945, 70.5843, 67.5821

Triad

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



62.2444, 70.5843, 59.0587



63.7673, 70.5843, 101.0258



75.7815, 70.5843, 74.2582

Complementary

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



62.2444, 70.5843, 59.0587



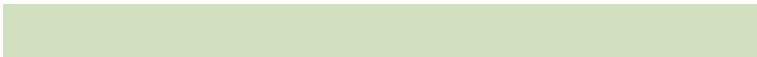
57.0476, 55.1898, 78.1707

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.



75.0687, 70.5843, 86.9380



62.2444, 70.5843, 59.0587



68.0093, 70.5843, 103.3085

Square

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



62.2444, 70.5843, 59.0587



60.5467, 70.5843, 91.9698



72.1771, 70.5843, 97.9075



74.0848, 70.5843, 63.4929

Rectangle

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



62.2444, 70.5843, 59.0587



59.0568, 70.5843, 75.3019



72.1771, 70.5843, 97.9075



75.8167, 70.5843, 78.4279

Sweetspot

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



62.2463, 70.5874, 59.0602



91.0250, 98.1544, 98.3496



61.8049, 63.1027, 57.6388



19.3653, 20.9550, 20.7457



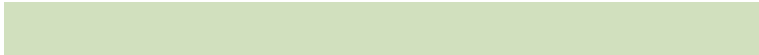
0.0000, 0.0000, 0.0000



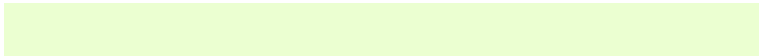
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2463, 70.5874, 59.0602



81.4582, 93.7474, 74.1883



57.7579, 68.2735, 58.8502



14.2576, 15.7130, 14.5882



20.5861, 33.6451, 5.4091



1.5293, 2.3849, 0.3797

Inverse Universe

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



57.0476, 55.1898, 78.1707



73.3011, 69.5863, 104.1759



61.9132, 57.6981, 78.3984



13.5232, 13.5377, 17.2880



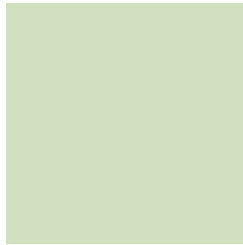
10.9439, 4.7371, 41.3859



0.8602, 0.3807, 2.8734

Previews

White Background



This preview shows how the XYZ color 62.2444, 70.5843, 59.0587 looks on a white background.

Color Contrast Check

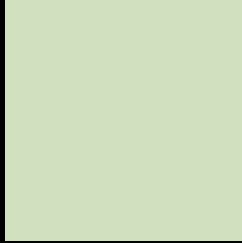
Large Text (above 18pt) WCAG AA × Fail

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 62.2444, 70.5843, 59.0587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

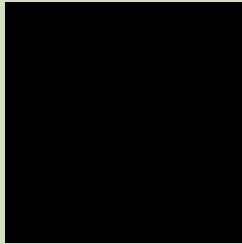
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

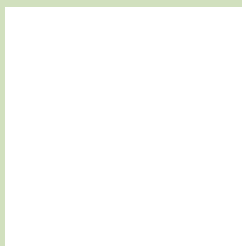
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2444, 70.5843, 59.0587

Background



This preview shows how black text looks on a background with the XYZ color 62.2444, 70.5843, 59.0587.



This preview shows how white text looks on a background with the XYZ color 62.2444, 70.5843,

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

62.2444, 70.5843, 59.0587

Protanopia

66.6742, 70.5537, 57.1178

Deuteranopia

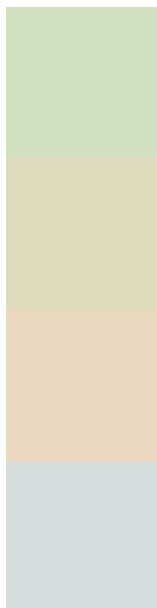
71.7392, 70.0832, 60.1984



Tritanopia

68.3857, 70.7399, 88.6471

Trichromacy



Original Color

62.2444, 70.5843, 59.0587

Protanomaly

64.7945, 70.3468, 57.7402

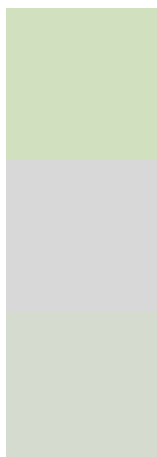
Deuteranomaly

67.7466, 69.8991, 59.7904

Tritanomaly

65.8200, 70.4470, 77.1464

Monochromacy



Original Color

62.2444, 70.5843, 59.0587

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0346, 69.3142, 69.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2444, 70.5843, 59.0587 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, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 190)  
}
```

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, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.2444, 70.5843, 59.0587 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, 224, 190) }
```


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

```
.border{ border-color:rgb(209, 224, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2444, 70.5843, 59.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 190) }
```

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

```
.background{ background-color: rgb(209,  
224, 190) }
```

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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