

Converting Colors

XYZ(62.3275, 70.2461, 69.3848)

Have a look what the booklet for
XYZ(62.3275, 70.2461, 69.3848)
contains.

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Color

**XYZ(62.5467, 70.5128,
69.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE0CF
RGB	203, 224, 207
RGB Percent	80%, 88%, 81%
CMY	0.2039, 0.1215, 0.1882
CMYK	0.09, 0.00, 0.08, 0.12
HSL	131°, 25%, 84%
HSV	131°, 9%, 88%
XYZ	62.5467, 70.5128, 69.3453
YIQ	215.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

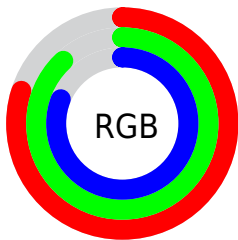
Format	Color
R _Y B	203, 221, 224
Decimal	13361359
CIE Lab	87.25, -10.13, 5.94
CIE LCh	87, 11.743, 149.619
Yxy	70.5128, 0.3090, 0.3484
Android (android.graphics.Color)	4291551439 (0xFFCBE0CF)
YUV	215.7830, -4.3300, -11.2107
Hunter-Lab	83.9719, -13.9946, 9.8177

Details

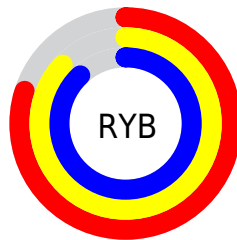
The XYZ color **62.5467, 70.5128, 69.3453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0171, 63.7281, 76.5873**, and the grayscale version is **65.1562, 68.5493, 74.6502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3322, 37.0654, 35.5872** is the 20% darker color. If you saturate the color by 10%, you get **54.7905, 66.7580, 58.0667**, and if you desaturate by 10%, it is **71.4429, 74.8299, 82.0094**.

Distribution



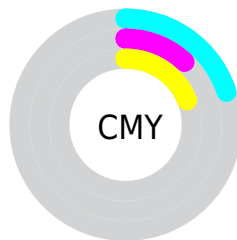
- Red (80%)
- Green (88%)
- Blue (81%)



- Red (80%)
- Yellow (87%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5467, 70.5128, 69.3453 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 62.5467, 70.5128, 69.3453 by changing the saturation by 10% instead.

■ 62.5467, 70.5128,
69.3453

■ 62.5467, 70.5128,
69.3453

423.6083,
462.3485, 476.9748

■ 45.7319, 51.9447,
50.5195

107.6008,
119.9398, 119.9470

■ 32.2380, 36.9610,
35.4523

136.5707,
151.5674, 152.5599

■ 21.6998, 25.1773,
23.7251

170.3230,
188.3170, 190.6056

■ 13.7518, 16.2092,
14.9195

209.2231,
230.5730, 234.5026

■ 8.0288, 9.6723,
8.6169

253.6364,
278.7197, 284.6695

■ 4.1654, 5.1822,
4.3988

303.9281,

■ 1.7961, 2.3546,

333.1416, 341.5248

1.8466

360.4636,
394.2231, 405.4870

■ 0.5153, 0.8024,
0.4584

■ 0.0000, 0.0000,
0.0000

■ 62.5467, 70.5128,
69.3453

■ 62.5467, 70.5128,
69.3453

■ 54.7905, 66.7580,
58.0667

■ 71.4429, 74.8299,
82.0094

■ 48.1223, 63.5336,
48.1221

■ 81.5168, 79.7217,
96.0992

■ 42.4946, 60.8182,
39.4634

■ 85.9470, 81.7940,
105.8657

■ 37.8542, 58.5855,
32.0380

■ 34.1430, 56.8068,
25.7897

■ 31.2968, 55.4502,
20.6578

■ 29.2430, 54.4796,
16.5762

■ 27.8965, 53.8528,
13.4717

■ 27.1253, 53.5034,
11.2603

Harmonies

Analogous

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



64.4322, 70.5128, 64.3103



62.5467, 70.5128, 69.3453



61.8536, 70.5128, 76.6755

Triad

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



62.5467, 70.5128, 69.3453



66.9850, 70.5128, 92.9952



71.7392, 70.5128, 69.5090

Complementary

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



62.5467, 70.5128, 69.3453



65.0171, 63.7281, 76.5873

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.



72.4670, 70.5128, 76.8775



62.5467, 70.5128, 69.3453



69.6768, 70.5128, 90.7577

Square

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



62.5467, 70.5128, 69.3453



64.3727, 70.5128, 90.6448



71.7023, 70.5128, 84.7204



69.7395, 70.5128, 64.4001

Rectangle

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



62.5467, 70.5128, 69.3453



62.1459, 70.5128, 81.9921



71.7023, 70.5128, 84.7204



72.1431, 70.5128, 71.7868

Sweetspot

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



62.5487, 70.5158, 69.3468



91.3101, 98.1854, 103.6039



66.9986, 72.8656, 67.0340



19.3354, 20.9144, 21.8788



0.0000, 0.0000, 0.0000



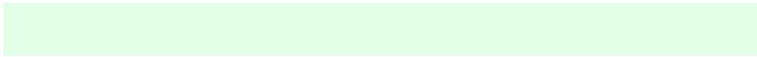
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5487, 70.5158, 69.3468



82.0299, 93.6856, 90.3217



63.8564, 71.0389, 76.2335



13.6349, 15.3797, 15.1127



15.7973, 31.1438, 6.6555



1.1260, 2.1711, 0.6247

Inverse Universe

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



65.0171, 63.7281, 76.5873



85.8970, 83.0515, 101.6644



63.6879, 63.1964, 69.5874



14.1772, 13.8885, 16.7034



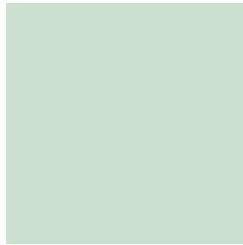
22.8086, 11.1904, 26.7216



1.6102, 0.7873, 2.0059

Previews

White Background



This preview shows how the XYZ color 62.5467, 70.5128, 69.3453 looks on a white background.

Color Contrast Check

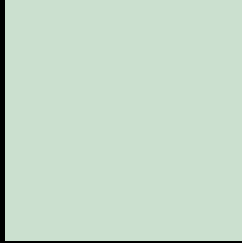
Large Text (above 18pt) WCAG AA × Fail

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 62.5467, 70.5128, 69.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

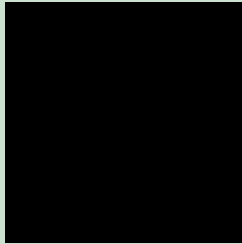
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

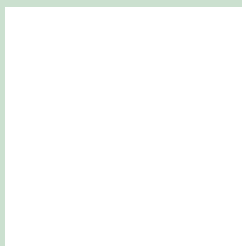
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5467, 70.5128, 69.3453

Background



This preview shows how black text looks on a background with the XYZ color 62.5467, 70.5128, 69.3453.



This preview shows how white text looks on a background with the XYZ color 62.5467, 70.5128,

69.3453.

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

62.5467, 70.5128, 69.3453

Protanopia

66.9564, 70.1063, 66.5028

Deuteranopia

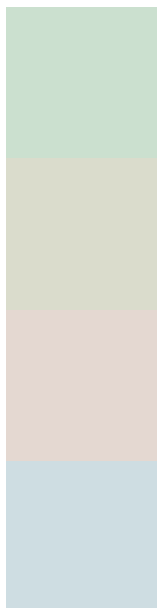
71.8893, 70.2964, 70.7523



Tritanopia

66.8917, 70.7107, 90.2437

Trichromacy



Original Color

62.5467, 70.5128, 69.3453

Protanomaly

65.4057, 70.4515, 67.2780

Deuteranomaly

68.0594, 70.2092, 70.2862

Tritanomaly

65.0375, 70.3257, 82.0979

Monochromacy



Original Color

62.5467, 70.5128, 69.3453

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.2057, 69.3160, 72.9461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5467, 70.5128, 69.3453 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(203, 224, 207) looks like.

```
.text, #text, p{  
    color:rgb(203, 224, 207)  
}
```

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(203, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 62.5467, 70.5128, 69.3453 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(203, 224, 207) }
```


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

```
.border{ border-color:rgb(203, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5467, 70.5128, 69.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 224, 207) }
```

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

```
.background{ background-color: rgb(203,  
224, 207) }
```

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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