

Converting Colors

XYZ(62.3815, 67.5762, 74.1167)

Have a look what the booklet for
XYZ(62.3815, 67.5762, 74.1167)
contains.

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Color

**XYZ(62.2554, 67.5111,
74.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD9D7
RGB	205, 217, 215
RGB Percent	80%, 85%, 84%
CMY	0.1961, 0.1490, 0.1569
CMYK	0.06, 0.00, 0.01, 0.15
HSL	170°, 14%, 83%
HSV	170°, 6%, 85%
XYZ	62.2554, 67.5111, 74.0397
YIQ	213.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

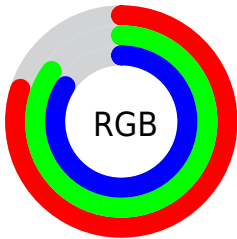
Format	Color
RYB	205, 212, 217
Decimal	13490647
CIELab	85.76, -4.40, -0.42
CIElCh	86, 4.420, 185.477
Yxy	67.5111, 0.3055, 0.3313
Android (android.graphics.Color)	4291680727 (0xFFCDD9D7)
YUV	213.1840, 0.8953, -7.1774
Hunter-Lab	82.1651, -8.5420, 4.0889

Details

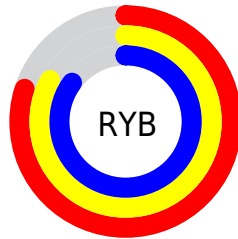
The XYZ color **62.2554, 67.5111, 74.0397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7115, 62.9211, 67.9271**, and the grayscale version is **63.3678, 66.6679, 72.6013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0280, 34.9580, 38.3172** is the 20% darker color. If you saturate the color by 10%, you get **56.2198, 64.4547, 71.3557**, and if you desaturate by 10%, it is **69.1354, 71.0054, 76.8198**.

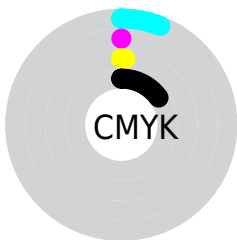
Distribution



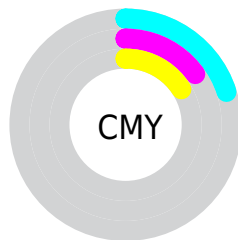
- Red (80%)
- Green (85%)
- Blue (84%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2554, 67.5111, 74.0397 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 62.2554, 67.5111, 74.0397 by changing the saturation by 10% instead.

■ 62.2554, 67.5111,
74.0397

■ 62.2554, 67.5111,
74.0397

422.5648,
451.7619, 493.7774

■ 45.4955, 49.5001,
54.3295

107.1824,
115.6525, 126.6866

■ 32.0508, 35.0164,
38.4702

136.0802,
146.5516, 160.4605

■ 21.5561, 23.6755,
26.0432

169.7547,
182.5156, 199.7594

■ 13.6458, 15.0931,
16.6299

208.5713,
223.9288, 245.0018

■ 7.9548, 8.8847,
9.8118

252.8952,
271.1756, 296.6062

■ 4.1176, 4.6661,
5.1704

303.0918,

■ 1.7689, 2.0527,

324.6405, 354.9913

2.2871

359.5266,
384.7078, 420.5755

■ 0.4988, 0.6378,
0.7240

■ 0.0000, 0.0000,
0.0000

■ 62.2554, 67.5111,
74.0397

■ 62.2554, 67.5111,
74.0397

■ 56.2198, 64.4547,
71.3557

■ 69.1354, 71.0054,
76.8198

■ 50.9888, 61.8100,
68.7615

■ 76.8861, 74.9454,
79.6933

■ 46.5279, 59.5612,
66.2564

■ 79.7634, 76.3719,
82.3932

■ 42.7980, 57.6880,
63.8383

■ 80.2654, 76.5727,
85.0368

■ 39.7564, 56.1685,
61.5048

■ 80.7779, 76.7778,
87.7360

■ 37.3559, 54.9783,
59.2533

■ 81.3011, 76.9870,
90.4911

■ 35.5434, 54.0901,
57.0811

■ 81.8350, 77.2006,
93.3026

■ 34.2570, 53.4721,
54.9848

■ 82.3797, 77.4185,
96.1706

■ 33.4209, 53.0850,
52.9605

■ 82.9351, 77.6406,
99.0956

Harmonies

Analogous

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



62.4184, 67.5111, 71.2260



62.2554, 67.5111, 74.0397



62.6003, 67.5111, 76.7801

Triad

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



62.2554, 67.5111, 74.0397



65.2998, 67.5111, 78.1262



64.9759, 67.5111, 68.5682

Complementary

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



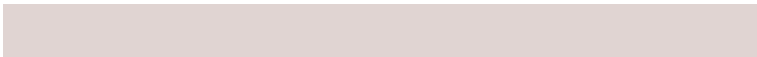
62.2554, 67.5111, 74.0397



61.7115, 62.9211, 67.9271

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.



65.7601, 67.5111, 70.3304



62.2554, 67.5111, 74.0397



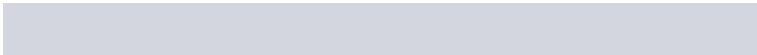
65.9485, 67.5111, 75.8384

Square

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



62.2554, 67.5111, 74.0397



64.3526, 67.5111, 79.1787



66.1179, 67.5111, 72.9791



63.9823, 67.5111, 68.1149

Rectangle

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



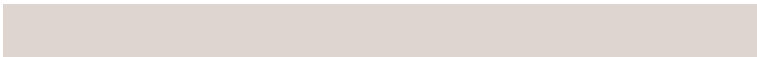
62.2554, 67.5111, 74.0397



63.0741, 67.5111, 78.1815



66.1179, 67.5111, 72.9791



65.2731, 67.5111, 69.0248

Sweetspot

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



62.2573, 67.5140, 74.0412



93.0618, 98.9908, 108.0932



61.6224, 67.3306, 67.5068



19.9399, 21.1987, 23.1449



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.



62.2573, 67.5140, 74.0412



88.3091, 96.5799, 106.1001



61.5478, 65.6805, 75.0827



13.6081, 14.9228, 16.4025



20.0896, 32.0685, 31.7009



1.3268, 2.0877, 2.1870

Inverse Universe

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



61.7115, 62.9211, 67.9271



87.3150, 88.2142, 94.9638



62.3884, 64.6644, 66.9518



13.4441, 13.5424, 14.5649



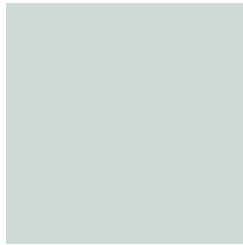
17.5432, 9.0183, 1.9746



1.1642, 0.5953, 0.2735

Previews

White Background



This preview shows how the XYZ color 62.2554, 67.5111, 74.0397 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 62.2554, 67.5111, 74.0397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

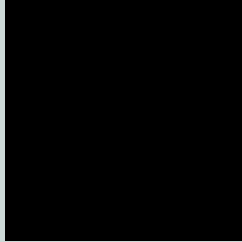
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

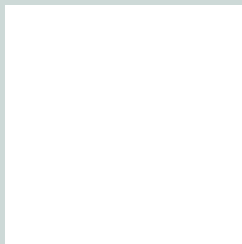
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2554, 67.5111, 74.0397

Background



This preview shows how black text looks on a background with the XYZ color 62.2554, 67.5111, 74.0397.



This preview shows how white text looks on a background with the XYZ color 62.2554, 67.5111,

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

62.2554, 67.5111, 74.0397

Protanopia

64.7179, 67.2980, 72.5296

Deuteranopia

68.7689, 67.1278, 74.9781



Tritanopia

64.4828, 67.2726, 85.1876

Trichromacy



Original Color

62.2554, 67.5111, 74.0397

Protanomaly

63.6247, 67.0943, 73.2154

Deuteranomaly

66.1204, 67.2344, 74.4584

Tritanomaly

63.6232, 67.3025, 80.8715

Monochromacy



Original Color

62.2554, 67.5111, 74.0397

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7625, 66.6498, 73.1751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2554, 67.5111, 74.0397 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, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 215)  
}
```

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, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.2554, 67.5111, 74.0397 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, 217, 215) }
```


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

```
.border{ border-color:rgb(205, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2554, 67.5111, 74.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 215) }
```

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

```
.background{ background-color: rgb(205,  
217, 215) }
```

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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