

Converting Colors

XYZ(63.4891, 70.1462, 57.1112)

Have a look what the booklet for
XYZ(63.4891, 70.1462, 57.1112)
contains.

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Color

**XYZ(63.4414, 70.0525,
57.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DDBB
RGB	217, 221, 187
RGB Percent	85%, 87%, 73%
CMY	0.1490, 0.1333, 0.2667
CMYK	0.02, 0.00, 0.15, 0.13
HSL	67°, 33%, 80%
HSV	67°, 15%, 87%
XYZ	63.4414, 70.0525, 57.1915
YIQ	215.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

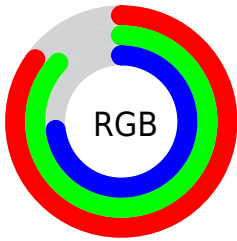
Format	Color
RYB	187, 221, 191
Decimal	14278075
CIELab	87.02, -7.10, 16.26
CIELCh	87, 17.738, 113.583
Yxy	70.0525, 0.3327, 0.3674
Android (android.graphics.Color)	4292468155 (0xFFD9DDBB)
YUV	215.9280, -14.2615, 0.9401
Hunter-Lab	83.6974, -11.1700, 18.0745

Details

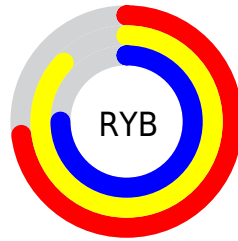
The XYZ color **63.4414, 70.0525, 57.1915** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.3101, 51.8394, 75.6594**, and the grayscale version is **65.3128, 68.7142, 74.8297**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.8396, 36.6750, 27.9024** is the 20% darker color. If you saturate the color by 10%, you get **60.4883, 68.7849, 45.6390**, and if you desaturate by 10%, it is **66.7746, 71.4782, 70.6654**.

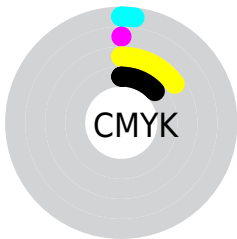
Distribution



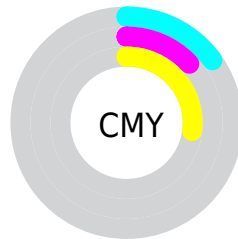
- Red (85%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)




- Cyan (15%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4414, 70.0525, 57.1915 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 63.4414, 70.0525, 57.1915 by changing the saturation by 10% instead.


 63.4414, 70.0525,
57.1915

 63.4414, 70.0525,
57.1915


426.8039,
460.7343, 431.6803

 46.4584, 51.5693,
40.7486


 108.8843,
119.2836, 102.2477

 32.8138, 36.6619,
27.8045


138.0749,
150.8004, 131.6980

 22.1424, 24.9458,
17.9406


172.0654,
187.4304, 166.3213

 14.0788, 16.0367,
10.7383

211.2212,
229.5582, 206.5361

 8.2575, 9.5501,
5.7792

255.9075,
277.5681, 252.7608

 4.3134, 5.1017,
2.6447

306.4899,

 1.8809, 2.3071,

331.8445, 305.4140

0.9154

363.3336,
392.7718, 364.9144

■ 0.5657, 0.7774,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4414, 70.0525,
57.1915

■ 63.4414, 70.0525,
57.1915

■ 60.4883, 68.7849,
45.6390

■ 66.7746, 71.4782,
70.6654

■ 57.8932, 67.6596,
35.9158

■ 70.4979, 73.0590,
86.1378

■ 55.6397, 66.6723,
27.9294

■ 74.6278, 74.8039,
103.6875

■ 53.7086, 65.8154,
21.5772

■ 75.7166, 75.3338,
105.1579

■ 52.0781, 65.0801,
16.7457

■ 76.5457, 75.7612,
105.1967

■ 50.7240, 64.4567,
13.3073

■ 77.3874, 76.1951,
105.2361

■ 49.6179, 63.9340,
11.1132

■ 78.2416, 76.6355,
105.2761

■ 48.7252, 63.4979,
9.9811

■ 79.1084, 77.0823,
105.3167

■ 48.3578, 63.3149,
9.6723

■ 79.9878, 77.5357,
105.3578

Harmonies

Analogous

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



67.4785, 70.0525, 55.7468



63.4414, 70.0525, 57.1915



60.3663, 70.0525, 63.4984

Triad

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



63.4414, 70.0525, 57.1915



61.9577, 70.0525, 96.1807



74.8304, 70.0525, 78.8576

Complementary

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



63.4414, 70.0525, 57.1915



52.3101, 51.8394, 75.6594

Split Complementary

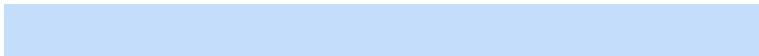
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2120, 70.0525, 90.6605



63.4414, 70.0525, 57.1915



65.6951, 70.0525, 101.3103

Square

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



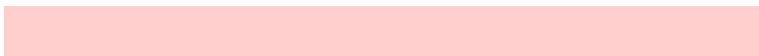
63.4414, 70.0525, 57.1915



59.5349, 70.0525, 85.7874



69.8262, 70.0525, 99.1922



74.1660, 70.0525, 67.4936

Rectangle

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



63.4414, 70.0525, 57.1915



59.2189, 70.0525, 69.9978



69.8262, 70.0525, 99.1922



74.5332, 70.0525, 82.9172

Sweetspot

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



63.4433, 70.0556, 57.1930



92.5143, 98.9222, 98.4193



57.4143, 56.2090, 54.8381



19.7280, 21.1419, 20.7626



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.



63.4433, 70.0556, 57.1930



86.5602, 96.3775, 74.4271



58.6569, 67.5881, 56.9690



14.0034, 15.1820, 13.9179



28.1533, 36.8110, 5.6214



1.8675, 2.4073, 0.3662

Inverse Universe

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



52.3101, 51.8394, 75.6594



68.7544, 67.2424, 103.9631



56.8268, 54.1678, 75.8708



12.4804, 12.6903, 16.4438



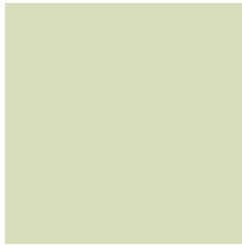
7.8787, 3.1858, 39.9381



0.5588, 0.2314, 2.5896

Previews

White Background



This preview shows how the XYZ color 63.4414, 70.0525, 57.1915 looks on a white background.

Color Contrast Check

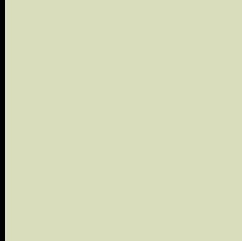
Large Text (above 18pt) WCAG AA × Fail

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 63.4414, 70.0525, 57.1915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

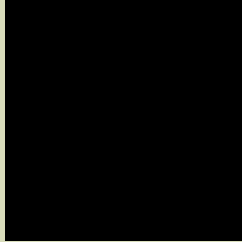
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

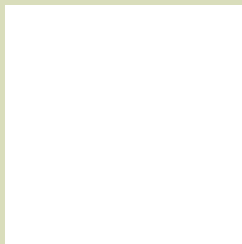
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4414, 70.0525, 57.1915

Background



This preview shows how black text looks on a background with the XYZ color 63.4414, 70.0525, 57.1915.



This preview shows how white text looks on a background with the XYZ color 63.4414, 70.0525,

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

63.4414, 70.0525, 57.1915

Protanopia

65.8829, 69.7865, 55.8967

Deuteranopia

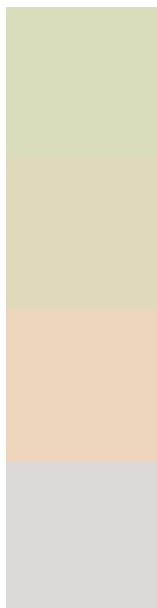
71.2988, 69.9070, 57.8797



Tritanopia

69.2974, 70.1150, 86.2251

Trichromacy



Original Color

63.4414, 70.0525, 57.1915

Protanomaly

64.9857, 69.6955, 56.4818

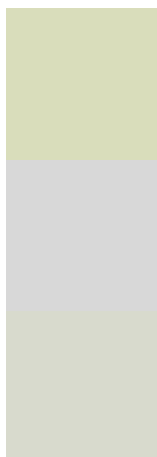
Deuteranomaly

68.0487, 69.7285, 57.4493

Tritanomaly

67.0263, 69.9557, 74.9359

Monochromacy



Original Color

63.4414, 70.0525, 57.1915

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.4098, 69.1495, 67.7100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4414, 70.0525, 57.1915 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(217, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 187)  
}
```

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(217, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 63.4414, 70.0525, 57.1915 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(217, 221, 187) }
```


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

```
.border{ border-color:rgb(217, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(217, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4414, 70.0525, 57.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 187) }
```

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

```
.background{ background-color: rgb(217,  
221, 187) }
```

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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