

Converting Colors

XYZ(64.1674, 70.3662, 57.2979)

Have a look what the booklet for
XYZ(64.1674, 70.3662, 57.2979)
contains.

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Color

**XYZ(64.3413, 70.5164,
57.2336)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDDBB
RGB	220, 221, 187
RGB Percent	86%, 87%, 73%
CMY	0.1373, 0.1333, 0.2667
CMYK	0.00, 0.00, 0.15, 0.13
HSL	62°, 33%, 80%
HSV	62°, 15%, 87%
XYZ	64.3413, 70.5164, 57.2336
YIQ	216.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

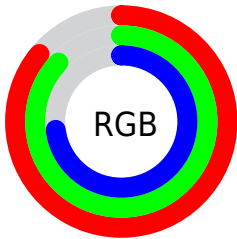
Format	Color
RYB	187, 221, 188
Decimal	14474683
CIELab	87.25, -6.02, 16.61
CIELCh	87, 17.664, 109.919
Yxy	70.5164, 0.3350, 0.3671
Android (android.graphics.Color)	4292664763 (0xFFDCDDBB)
YUV	216.8250, -14.7037, 2.7845
Hunter-Lab	83.9740, -10.1871, 18.3720

Details

The XYZ color **64.3413, 70.5164, 57.2336** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5632, 51.4544, 75.6245**, and the grayscale version is **65.9276, 69.3610, 75.5341**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **33.4563, 36.9930, 27.9313** is the 20% darker color. If you saturate the color by 10%, you get **61.9586, 69.5429, 45.7078**, and if you desaturate by 10%, it is **67.0927, 71.6422, 70.6802**.

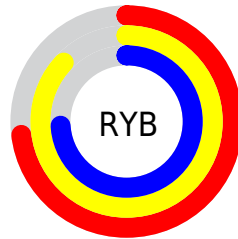
Distribution



Red (86%)

Green (87%)

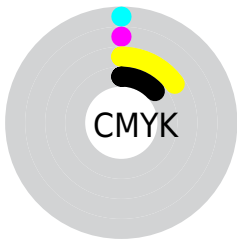
Blue (73%)



Red (73%)

Yellow (87%)

Blue (74%)

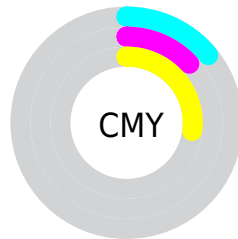


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3413, 70.5164, 57.2336 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 64.3413, 70.5164, 57.2336 by changing the saturation by 10% instead.

■ 64.3413, 70.5164,
57.2336

■ 64.3413, 70.5164,
57.2336

430.0038,
462.3611, 431.8423

■ 47.1899, 51.9476,
40.7822

■ 110.1733,
119.9449, 102.3097

■ 33.3944, 36.9633,
27.8305

139.5846,
151.5734, 131.7714

■ 22.5894, 25.1791,
17.9600

173.8132,
188.3239, 166.4071

■ 14.4096, 16.2105,
10.7521

213.2245,
230.5809, 206.6351

■ 8.4897, 9.6733,
5.7884

258.1839,
278.7287, 252.8741

■ 4.4643, 5.1829,
2.6501

309.0567,

■ 1.9680, 2.3550,

333.1518, 305.5426

0.9182

366.2082,
394.2344, 365.0592

■ 0.6159, 0.8026,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3413, 70.5164,
57.2336

■ 64.3413, 70.5164,
57.2336

■ 61.9586, 69.5429,
45.7078

■ 67.0927, 71.6422,
70.6802

■ 59.9224, 68.7057,
36.0108

■ 70.2227, 72.9172,
86.1249

■ 58.2167, 68.0008,
28.0500

■ 73.7478, 74.3503,
103.6463

■ 56.8219, 67.4204,
21.7229

■ 74.2202, 74.5623,
105.0879

■ 55.7166, 66.9558,
16.9160

■ 74.4213, 74.6660,
105.0973

■ 54.8765, 66.5975,
13.5016

■ 74.6232, 74.7701,
105.1068

■ 54.2734, 66.3339,
11.3310

■ 74.8259, 74.8746,
105.1162

■ 53.8726, 66.1515,
10.2220

■ 75.0294, 74.9795,
105.1258

■ 53.7284, 66.0836,
9.9236

■ 75.2336, 75.0848,
105.1353

Harmonies

Analogous

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



68.4304, 70.5164, 56.4036



64.3413, 70.5164, 57.2336



61.1008, 70.5164, 62.9839

Triad

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



64.3413, 70.5164, 57.2336



62.0153, 70.5164, 95.6302



75.1925, 70.5164, 80.8511

Complementary

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



64.3413, 70.5164, 57.2336



51.5632, 51.4544, 75.6245

Split Complementary

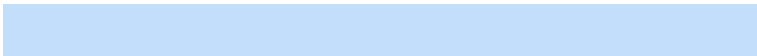
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3175, 70.5164, 92.4573



64.3413, 70.5164, 57.2336



65.6364, 70.5164, 101.5543

Square

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



64.3413, 70.5164, 57.2336



59.7968, 70.5164, 84.8337



69.7797, 70.5164, 100.3367



74.8106, 70.5164, 69.2536

Rectangle

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



64.3413, 70.5164, 57.2336



59.8040, 70.5164, 69.1970



69.7797, 70.5164, 100.3367



74.8023, 70.5164, 84.8985

Sweetspot

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



64.3432, 70.5195, 57.2351



92.9261, 99.1345, 98.4385



56.6815, 54.7433, 54.5938



19.8284, 21.1937, 20.7673



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.



64.3432, 70.5195, 57.2351



88.0238, 97.1321, 74.4956



59.5755, 68.0617, 57.0120



14.1222, 15.2432, 13.9235



31.2278, 38.3960, 5.7653



2.0353, 2.4938, 0.3741

Inverse Universe

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



51.5632, 51.4544, 75.6245



67.5834, 66.6387, 103.9083



55.8811, 53.6803, 75.8265



12.3741, 12.6354, 16.4388



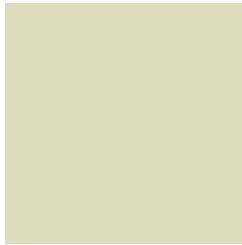
7.6457, 3.0657, 39.9272



0.5081, 0.2052, 2.5873

Previews

White Background



This preview shows how the XYZ color 64.3413, 70.5164, 57.2336 looks on a white background.

Color Contrast Check

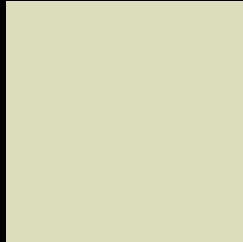
Large Text (above 18pt) WCAG AA × Fail

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 64.3413, 70.5164, 57.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

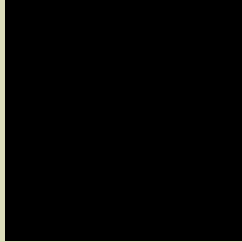
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

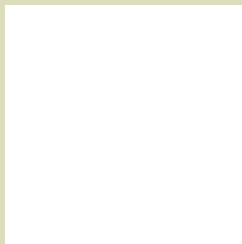
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3413, 70.5164, 57.2336

Background



This preview shows how black text looks on a background with the XYZ color 64.3413, 70.5164, 57.2336.



This preview shows how white text looks on a background with the XYZ color 64.3413, 70.5164,

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

64.3413, 70.5164, 57.2336

Protanopia

66.4615, 70.4686, 55.9978

Deuteranopia

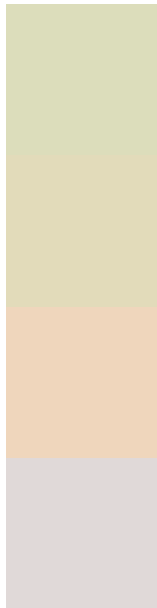
71.6562, 70.0913, 57.8964



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

64.3413, 70.5164, 57.2336

Protanomaly

65.5585, 70.3770, 56.5832

Deuteranomaly

68.7203, 70.0747, 57.4808

Tritanomaly

67.9480, 70.4309, 74.9790

Monochromacy



Original Color

64.3413, 70.5164, 57.2336

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.1254, 69.5045, 68.3757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3413, 70.5164, 57.2336 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(220, 221, 187)` looks like.

```
.text, #text, p{  
  color:rgb(220, 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(220, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 64.3413, 70.5164, 57.2336 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(220, 221, 187) }
```


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

```
.border{ border-color:rgb(220, 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(220, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3413, 70.5164, 57.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 187) }
```

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

```
.background{ background-color: rgb(220,  
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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