

Converting Colors

XYZ(64.1371, 70.0309, 74.4304)

Have a look what the booklet for
XYZ(64.1371, 70.0309, 74.4304)
contains.

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Color

**XYZ(64.1346, 70.0291,
74.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DDD7
RGB	208, 221, 215
RGB Percent	82%, 87%, 84%
CMY	0.1843, 0.1333, 0.1569
CMYK	0.06, 0.00, 0.03, 0.13
HSL	152°, 16%, 84%
HSV	152°, 6%, 87%
XYZ	64.1346, 70.0291, 74.4267
YIQ	216.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

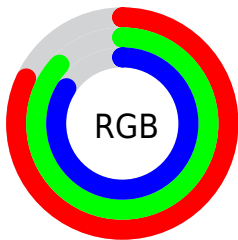
Format	Color
R _Y B	208, 216, 221
Decimal	13688279
CIE Lab	87.01, -5.46, 1.43
CIE LCh	87, 5.645, 165.357
Yxy	70.0291, 0.3075, 0.3357
Android (android.graphics.Color)	4291878359 (0xFFD0DDD7)
YUV	216.4290, -0.7045, -7.3922
Hunter-Lab	83.6834, -9.6443, 5.8468

Details

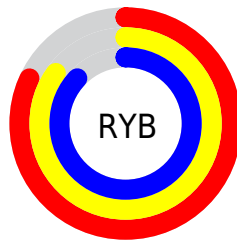
The XYZ color **64.1346, 70.0291, 74.4267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5148, 65.3407, 72.8334**, and the grayscale version is **65.5720, 68.9868, 75.1266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3078, 36.6805, 38.5822** is the 20% darker color. If you saturate the color by 10%, you get **57.0785, 66.5403, 67.4652**, and if you desaturate by 10%, it is **72.1422, 74.0029, 81.8625**.

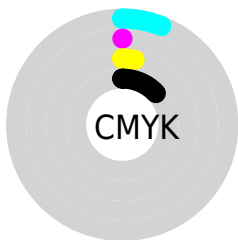
Distribution



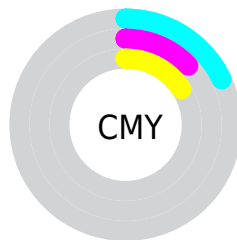
- Red (82%)
- Green (87%)
- Blue (84%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1346, 70.0291, 74.4267 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 64.1346, 70.0291, 74.4267 by changing the saturation by 10% instead.

■ 64.1346, 70.0291,
74.4267

■ 64.1346, 70.0291,
74.4267

429.2701,
460.6522, 495.1475

■ 47.0218, 51.5503,
54.6444

109.8774,
119.2503, 127.2401

■ 33.2609, 36.6467,
38.7205

139.2381,
150.7614, 161.1084

■ 22.4866, 24.9341,
26.2362

173.4122,
187.3853, 200.5090

■ 14.3335, 16.0279,
16.7731

212.7649,
229.5066, 245.8607

■ 8.4362, 9.5439,
9.9126

257.6617,
277.5095, 297.5818

■ 4.4295, 5.0976,
5.2362

308.4680,

■ 1.9478, 2.3047,

331.7785, 356.0909

2.3253

365.5490,
392.6979, 421.8066

■ 0.6044, 0.7762,
0.7454

■ 0.0000, 0.0000,
0.0000

■ 64.1346, 70.0291,
74.4267

■ 64.1346, 70.0291,
74.4267

■ 57.0785, 66.5403,
67.4652

■ 72.1422, 74.0029,
81.8625

■ 50.9311, 63.5087,
60.9640

■ 81.1305, 78.4707,
89.7772

■ 45.6546, 60.9170,
54.9148

■ 83.6728, 79.6056,
97.8319

■ 41.2064, 58.7434,
49.3075

■ 85.1478, 80.1956,
105.5993

■ 37.5404, 56.9643,
44.1315

■ 34.6053, 55.5534,
39.3756

■ 32.3436, 54.4813,
35.0282

■ 30.6884, 53.7138,
31.0767

■ 29.5576, 53.2087,
27.5077

Harmonies

Analogous

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



64.7707, 70.0291, 71.2545



64.1346, 70.0291, 74.4267



64.1426, 70.0291, 78.1914

Triad

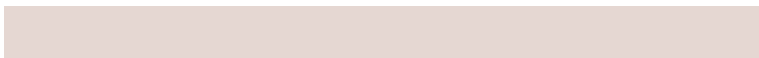
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1346, 70.0291, 74.4267



67.2351, 70.0291, 83.4773



68.3603, 70.0291, 71.1932

Complementary

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



64.1346, 70.0291, 74.4267



64.5148, 65.3407, 72.8334

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.



69.0385, 70.0291, 74.3406



64.1346, 70.0291, 74.4267



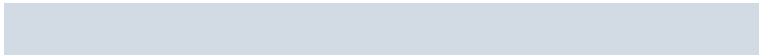
68.3831, 70.0291, 81.4733

Square

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



64.1346, 70.0291, 74.4267



65.9209, 70.0291, 83.5022



69.0469, 70.0291, 78.1024



67.2043, 70.0291, 69.4299

Rectangle

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



64.1346, 70.0291, 74.4267



64.5117, 70.0291, 80.5346



69.0469, 70.0291, 78.1024



68.6524, 70.0291, 72.1197

Sweetspot

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



64.1366, 70.0321, 74.4282



92.8217, 98.8948, 106.8290



64.9951, 70.5764, 69.8724



19.8910, 21.1791, 22.8876



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.



64.1366, 70.0321, 74.4282



87.4865, 96.2509, 101.7681



64.8082, 70.1178, 78.5285



13.4722, 14.8685, 15.6867



17.0115, 30.8372, 15.4918



1.1454, 2.0151, 1.2319

Inverse Universe

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



64.5148, 65.3407, 72.8334



88.1088, 88.5318, 99.1440



63.8677, 65.2512, 68.9040



13.5749, 13.5947, 15.2537



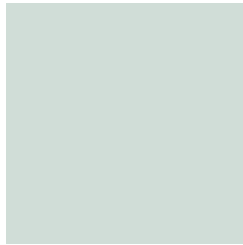
18.7722, 9.5099, 8.4463



1.2594, 0.6334, 0.7747

Previews

White Background



This preview shows how the XYZ color 64.1346, 70.0291, 74.4267 looks on a white background.

Color Contrast Check

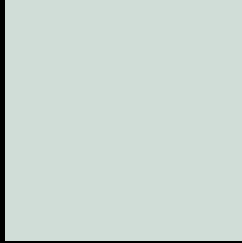
Large Text (above 18pt) WCAG AA × Fail

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 64.1346, 70.0291, 74.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

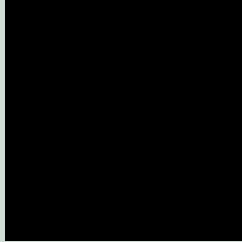
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

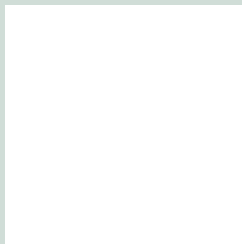
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1346, 70.0291, 74.4267

Background



This preview shows how black text looks on a background with the XYZ color 64.1346, 70.0291, 74.4267.



This preview shows how white text looks on a background with the XYZ color 64.1346, 70.0291,

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

64.1346, 70.0291, 74.4267

Protanopia

67.2545, 70.1178, 72.9402

Deuteranopia

71.4153, 69.9490, 75.3832



Tritanopia

66.9308, 69.9898, 88.5790

Trichromacy



Original Color

64.1346, 70.0291, 74.4267

Protanomaly

66.1224, 69.9033, 73.6260

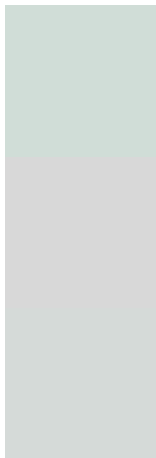
Deuteranomaly

68.6900, 70.0527, 74.8669

Tritanomaly

65.9135, 69.9661, 83.4296

Monochromacy



Original Color

64.1346, 70.0291, 74.4267

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9066, 69.2468, 74.9108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1346, 70.0291, 74.4267 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(208, 221, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 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(208, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.1346, 70.0291, 74.4267 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(208, 221, 215) }
```


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

```
.border{ border-color:rgb(208, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1346, 70.0291, 74.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 215) }
```

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

```
.background{ background-color: rgb(208,  
221, 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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