

Converting Colors

XYZ(64.8396, 71.3941, 65.0096)

Have a look what the booklet for
XYZ(64.8396, 71.3941, 65.0096)
contains.

XYZ(64.8373, 71.3926, 65.0064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.8373, 71.3926,
65.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DFC8
RGB	215, 223, 200
RGB Percent	84%, 87%, 78%
CMY	0.1569, 0.1255, 0.2157
CMYK	0.04, 0.00, 0.10, 0.13
HSL	81°, 26%, 83%
HSV	81°, 10%, 87%
XYZ	64.8373, 71.3926, 65.0064
YIQ	217.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

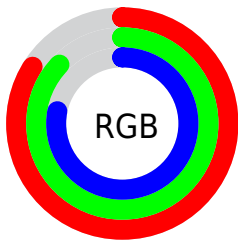
Format	Color
RYB	200, 223, 208
Decimal	14147528
CIELab	87.68, -6.73, 10.34
CIELCh	88, 12.339, 123.046
Yxy	71.3926, 0.3222, 0.3548
Android (android.graphics.Color)	4292337608 (0xFFD7DFC8)
YUV	217.9860, -8.8671, -2.6187
Hunter-Lab	84.4941, -10.8913, 13.5306

Details

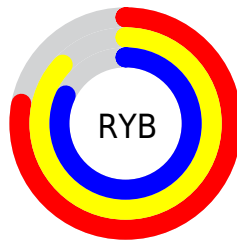
The XYZ color **64.8373, 71.3926, 65.0064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9889, 60.0481, 78.2446**, and the grayscale version is **66.6905, 70.1636, 76.4082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6881, 37.5542, 32.6673** is the 20% darker color. If you saturate the color by 10%, you get **60.1945, 69.2808, 52.1622**, and if you desaturate by 10%, it is **69.9723, 73.7184, 79.8609**.

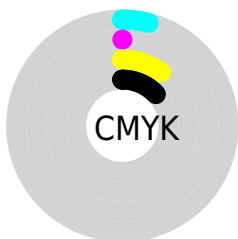
Distribution



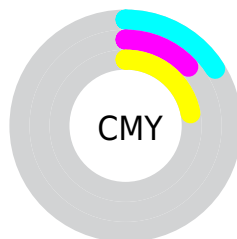
- Red (84%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8373, 71.3926, 65.0064 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 64.8373, 71.3926, 65.0064 by changing the saturation by 10% instead.

■ 64.8373, 71.3926,
65.0064

■ 64.8373, 71.3926,
65.0064

431.7615,
465.4247, 461.1218

■ 47.5934, 52.6626,
47.0149

110.8829,
121.1926, 113.6724

■ 33.7149, 37.5335,
32.6930

140.4153,
153.0314, 145.1840

■ 22.8365, 25.6209,
21.6222

174.7746,
190.0086, 182.0394

■ 14.5929, 16.5402,
13.3839

214.3261,
232.5086, 224.6571

■ 8.6186, 9.9072,
7.5596

259.4352,
280.9159, 273.4556

■ 4.5484, 5.3375,
3.7308

310.4672,

■ 2.0168, 2.4466,

335.6147, 328.8536

1.4788

367.7876,
396.9895, 391.2694

■ 0.6434, 0.8497,
0.2021

■ 0.0000, 0.0000,
0.0000

■ 64.8373, 71.3926,
65.0064

■ 64.8373, 71.3926,
65.0064

■ 60.1945, 69.2808,
52.1622

■ 69.9723, 73.7184,
79.8609

■ 56.0203, 67.3664,
41.2374

■ 75.6105, 76.2559,
96.8023

■ 52.2974, 65.6446,
32.1409

■ 79.7933, 78.2240,
105.5009

■ 49.0052, 64.1071,
24.7722

■ 82.4594, 79.5984,
105.6257

■ 46.1214, 62.7448,
19.0213

■ 85.2392, 81.0315,
105.7558

■ 43.6210, 61.5473,
14.7657

■ 85.6791, 81.2583,
105.7764

■ 41.4757, 60.5034,
11.8651

■ 39.6522, 59.5993,
10.1528

■ 38.1379, 58.8350,
9.3462

Harmonies

Analogous

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



67.5583, 71.3926, 62.7419



64.8373, 71.3926, 65.0064



62.9685, 71.3926, 70.6636

Triad

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



64.8373, 71.3926, 65.0064



65.3405, 71.3926, 92.9846



73.6257, 71.3926, 76.8821

Complementary

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



64.8373, 71.3926, 65.0064



59.9889, 60.0481, 78.2446

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.



72.9912, 71.3926, 85.2618



64.8373, 71.3926, 65.0064



68.1556, 71.3926, 94.9430

Square

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



64.8373, 71.3926, 65.0064



63.2531, 71.3926, 86.8473



70.9681, 71.3926, 92.0240



72.6780, 71.3926, 69.2824

Rectangle

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



64.8373, 71.3926, 65.0064



62.4285, 71.3926, 75.8017



70.9681, 71.3926, 92.0240



73.5904, 71.3926, 79.6997

Sweetspot

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



64.8392, 71.3957, 65.0079



92.8700, 99.0156, 102.4963



63.3340, 64.8099, 63.8161



19.7555, 21.1381, 21.5814



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.



64.8392, 71.3957, 65.0079



86.6994, 96.2197, 84.8085



61.6715, 69.7626, 64.8597



14.3846, 15.7784, 14.5942



22.5496, 34.6573, 5.5010



1.6585, 2.4515, 0.3858

Inverse Universe

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



59.9889, 60.0481, 78.2446



79.0900, 78.4169, 105.5752



63.2397, 61.7240, 78.3968



13.3996, 13.4740, 17.2822



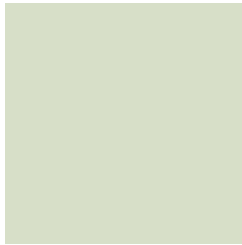
9.7699, 4.1319, 41.3310



0.7715, 0.3350, 2.8692

Previews

White Background



This preview shows how the XYZ color 64.8373, 71.3926, 65.0064 looks on a white background.

Color Contrast Check

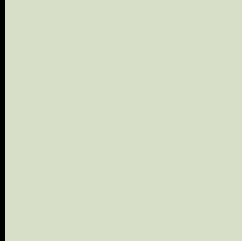
Large Text (above 18pt) WCAG AA × Fail

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 64.8373, 71.3926, 65.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

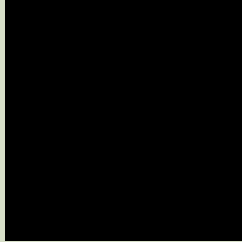
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

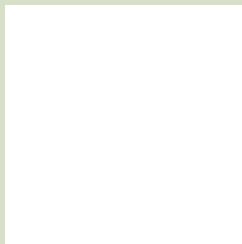
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8373, 71.3926, 65.0064

Background



This preview shows how black text looks on a background with the XYZ color 64.8373, 71.3926, 65.0064.

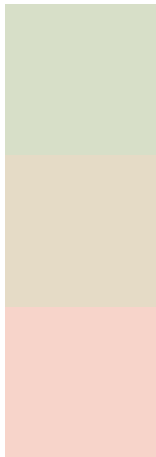


This preview shows how white text looks on a background with the XYZ color 64.8373, 71.3926, 65.0064.

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

64.8373, 71.3926, 65.0064

Protanopia

67.8377, 71.3983, 63.6319

Deuteranopia

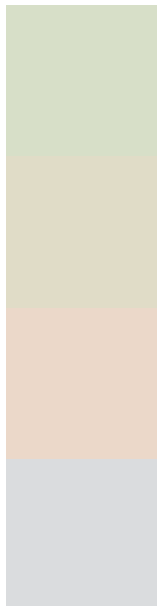
72.5619, 71.1254, 65.7813



Tritanopia

69.5820, 71.3566, 88.7031

Trichromacy



Original Color

64.8373, 71.3926, 65.0064

Protanomaly

66.6425, 71.1572, 64.2551

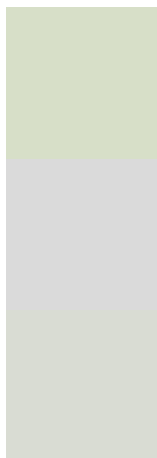
Deuteranomaly

69.3594, 70.9909, 65.3053

Tritanomaly

67.6915, 71.3658, 79.3145

Monochromacy



Original Color

64.8373, 71.3926, 65.0064

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.9663, 70.6413, 71.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8373, 71.3926, 65.0064 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(215, 223, 200) looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 200)  
}
```

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(215, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 200) }
```

Border

The CSS property to change the border of an element to XYZ 64.8373, 71.3926, 65.0064 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(215, 223, 200) }
```


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

```
.border{ border-color:rgb(215, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8373, 71.3926, 65.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 200) }
```

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

```
.background{ background-color: rgb(215,  
223, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor