

Converting Colors

XYZ(64.7640, 71.1969, 72.1574)

Have a look what the booklet for
XYZ(64.7640, 71.1969, 72.1574)
contains.

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Color

**XYZ(64.7239, 71.1801,
71.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DFD3
RGB	210, 223, 211
RGB Percent	82%, 87%, 83%
CMY	0.1765, 0.1255, 0.1725
CMYK	0.06, 0.00, 0.05, 0.13
HSL	125°, 17%, 85%
HSV	125°, 6%, 87%
XYZ	64.7239, 71.1801, 71.9558
YIQ	217.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

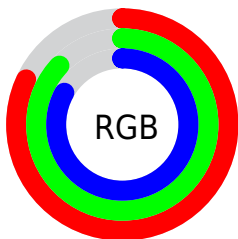
Format	Color
R _Y B	210, 222, 223
Decimal	13819859
CIE Lab	87.57, -6.54, 4.37
CIE LCh	88, 7.865, 146.278
Yxy	71.1801, 0.3114, 0.3424
Android (android.graphics.Color)	4292009939 (0xFFD2DFD3)
YUV	217.7450, -3.3253, -6.7924
Hunter-Lab	84.3683, -10.7066, 8.4907

Details

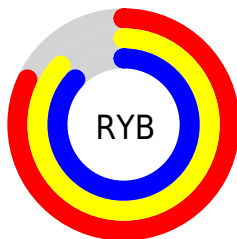
The XYZ color **64.7239, 71.1801, 71.9558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6655, 67.0569, 78.5404**, and the grayscale version is **66.4907, 69.9534, 76.1792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7987, 37.5075, 37.3566** is the 20% darker color. If you saturate the color by 10%, you get **56.3943, 67.1674, 58.9463**, and if you desaturate by 10%, it is **74.2728, 75.7872, 86.7506**.

Distribution



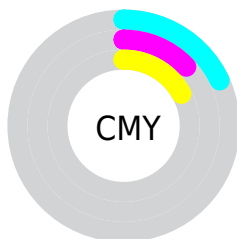
- Red (82%)
- Green (87%)
- Blue (83%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7239, 71.1801, 71.9558 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 64.7239, 71.1801, 71.9558 by changing the saturation by 10% instead.

■ 64.7239, 71.1801,
71.9558

■ 64.7239, 71.1801,
71.9558

431.3600,
464.6828, 486.3611

■ 47.5011, 52.4892,
52.6360

110.7207,
120.8901, 123.7008

■ 33.6416, 37.3951,
37.1265

140.2255,
152.6780, 156.9631

■ 22.7800, 25.5136,
25.0089

174.5549,
189.6004, 195.7099

■ 14.5509, 16.4601,
15.8646

214.0744,
232.0416, 240.3598

■ 8.5891, 9.8503,
9.2751

259.1493,
280.3860, 291.3313

■ 4.5291, 5.2998,
4.8218

310.1450,

■ 2.0056, 2.4242,

335.0181, 349.0430

2.0862

367.4268,
396.3222, 413.9135

■ 0.6371, 0.8383,
0.6075

■ 0.0000, 0.0000,
0.0000

■ 64.7239, 71.1801,
71.9558

■ 64.7239, 71.1801,
71.9558

■ 56.3943, 67.1674,
58.9463

■ 74.2728, 75.7872,
86.7506

■ 49.2292, 63.7163,
47.6500

■ 85.0810, 81.0020,
103.3897

■ 43.1784, 60.8044,
37.9971

■ 85.6790, 81.2580,
105.7763

■ 38.1860, 58.4045,
29.9110

■ 34.1908, 56.4869,
23.3090

■ 31.1256, 55.0188,
18.1010

■ 28.9151, 53.9636,
14.1870

■ 27.4717, 53.2785,
11.4536

■ 26.6889, 52.9114,
9.7679

Harmonies

Analogous

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



66.0838, 71.1801, 68.6787



64.7239, 71.1801, 71.9558



64.1488, 71.1801, 76.8402

Triad

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



64.7239, 71.1801, 71.9558



67.4227, 71.1801, 88.1775



70.9116, 71.1801, 73.0572

Complementary

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



64.7239, 71.1801, 71.9558



66.6655, 67.0569, 78.5404

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.



71.2858, 71.1801, 78.1697



64.7239, 71.1801, 71.9558



69.2500, 71.1801, 87.0525

Square

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



64.7239, 71.1801, 71.9558



65.6888, 71.1801, 86.3362



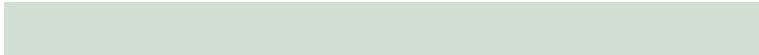
70.6724, 71.1801, 83.3283



69.6591, 71.1801, 69.2939

Rectangle

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



64.7239, 71.1801, 71.9558



64.2800, 71.1801, 80.4090



70.6724, 71.1801, 83.3283



71.1452, 71.1801, 74.6680

Sweetspot

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



64.7259, 71.1831, 71.9574



92.4497, 98.7460, 104.8702



68.1886, 72.9827, 71.4669



19.8153, 21.1488, 22.4888



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.



64.7259, 71.1831, 71.9574



86.2447, 95.7542, 95.2290



65.5404, 71.5090, 76.2467



13.9298, 15.5271, 15.3367



15.5917, 31.0615, 5.5727



1.0959, 2.1591, 0.4660

Inverse Universe

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



66.6655, 67.0569, 78.5404



89.3974, 89.0472, 105.9294



65.8277, 66.7218, 74.1287



14.4775, 14.3620, 17.1956



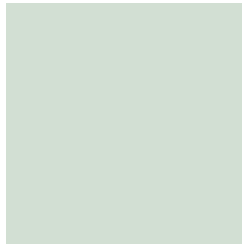
24.4521, 11.8478, 35.3761



1.7086, 0.8267, 2.5244

Previews

White Background



This preview shows how the XYZ color 64.7239, 71.1801, 71.9558 looks on a white background.

Color Contrast Check

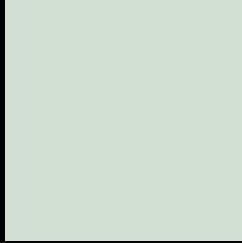
Large Text (above 18pt) WCAG AA × Fail

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 64.7239, 71.1801, 71.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

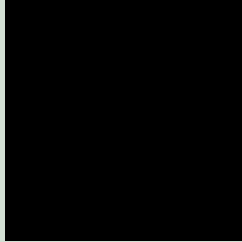
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

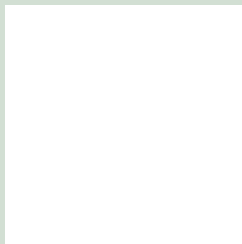
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7239, 71.1801, 71.9558

Background



This preview shows how black text looks on a background with the XYZ color 64.7239, 71.1801, 71.9558.



This preview shows how white text looks on a background with the XYZ color 64.7239, 71.1801,

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

64.7239, 71.1801, 71.9558

Protanopia

67.8206, 70.8656, 69.7784

Deuteranopia

72.5159, 70.9457, 72.8227



Tritanopia

68.3491, 71.0736, 90.2370

Trichromacy



Original Color

64.7239, 71.1801, 71.9558

Protanomaly

66.6170, 71.0055, 70.5159

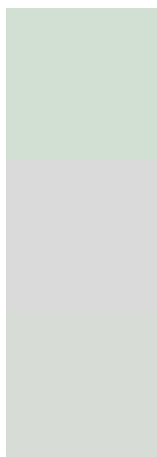
Deuteranomaly

69.3945, 70.8541, 72.3061

Tritanomaly

67.0374, 70.9340, 83.5572

Monochromacy



Original Color

64.7239, 71.1801, 71.9558

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8833, 70.5398, 74.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7239, 71.1801, 71.9558 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(210, 223, 211) looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 211)  
}
```

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(210, 223, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.7239, 71.1801, 71.9558 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(210, 223, 211) }
```


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

```
.border{ border-color:rgb(210, 223, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7239, 71.1801, 71.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 211) }
```

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

```
.background{ background-color: rgb(210,  
223, 211) }
```

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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