

Converting Colors

XYZ(68.0315, 71.1526, 79.2554)

Have a look what the booklet for
XYZ(68.0315, 71.1526, 79.2554)
contains.

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Color

**XYZ(68.0315, 71.1526,
79.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDBDE
RGB	220, 219, 222
RGB Percent	86%, 86%, 87%
CMY	0.1372, 0.1412, 0.1294
CMYK	0.01, 0.01, 0.00, 0.13
HSL	260°, 4%, 86%
HSV	260°, 1%, 87%
XYZ	68.0315, 71.1526, 79.2554
YIQ	219.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

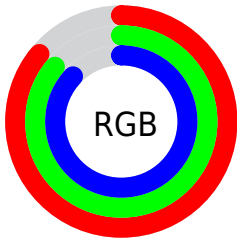
Format	Color
R _Y B	220, 219, 222
Decimal	14474206
CIE Lab	87.56, 0.89, -1.36
CIE LCh	88, 1.622, 303.078
Yxy	71.1526, 0.3114, 0.3257
Android (android.graphics.Color)	4292664286 (0xFFDCDBDE)
YUV	219.6410, 1.1630, 0.3148
Hunter-Lab	84.3520, -3.6523, 3.3387

Details

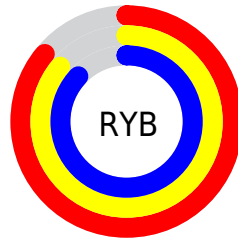
The XYZ color **68.0315, 71.1526, 79.2554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7290, 72.7311, 77.4376**, and the grayscale version is **67.7714, 71.3008, 77.6466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7676, 37.3403, 41.8815** is the 20% darker color. If you saturate the color by 10%, you get **58.3340, 58.1231, 77.2526**, and if you desaturate by 10%, it is **78.9030, 85.9380, 81.5373**.

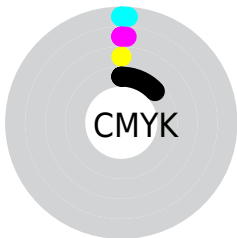
Distribution



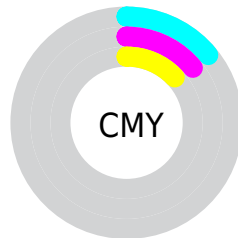
- Red (86%)
- Green (86%)
- Blue (87%)



- Red (86%)
- Yellow (86%)
- Blue (87%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0315, 71.1526, 79.2554 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 68.0315, 71.1526, 79.2554 by changing the saturation by 10% instead.

■ 68.0315, 71.1526,
79.2554

■ 68.0315, 71.1526,
79.2554

442.9826,
464.5867, 512.0604

■ 50.1971, 52.4667,
58.5833

115.4389,
120.8510, 134.1203

■ 35.7885, 37.3772,
41.8599

145.7426,
152.6323, 169.1501

■ 24.4402, 25.4997,
28.6669

180.9334,
189.5475, 209.8029

■ 15.7870, 16.4497,
18.5856

221.3768,
231.9811, 256.4972

■ 9.4635, 9.8430,
11.1974

267.4381,
280.3174, 309.6516

■ 5.1042, 5.2950,
6.0839

319.4825,

■ 2.3439, 2.4213,

334.9409, 369.6845

2.8266

377.8756,
396.2358, 437.0146

■ 0.8170, 0.8368,
1.0068

■ 0.0000, 0.0000,
0.0000

■ 68.0315, 71.1526,
79.2554

■ 68.0315, 71.1526,
79.2554

■ 58.3340, 58.1231,
77.2526

■ 78.9030, 85.9380,
81.5373

■ 49.7640, 46.7742,
75.5138

■ 88.2407, 97.0517,
83.1904

■ 42.2803, 37.0390,
74.0291

■ 90.1850, 98.0540,
83.2813

■ 35.8370, 28.8421,
72.7865

■ 30.3849, 22.1022,
71.7730

■ 25.8702, 16.7304,
70.9741

■ 22.2338, 12.6274,
70.3738

■ 19.4087, 9.6804,
69.9538

■ 17.3169, 7.7549,
69.6924

Harmonies

Analogous

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



67.6680, 71.1526, 79.6002



68.0315, 71.1526, 79.2554



68.2877, 71.1526, 78.4328

Triad

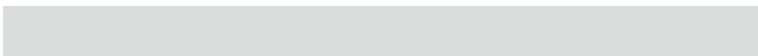
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0315, 71.1526, 79.2554



67.9627, 71.1526, 75.6061



66.8951, 71.1526, 77.5865

Complementary

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



68.0315, 71.1526, 79.2554



68.7290, 72.7311, 77.4376

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.



66.9733, 71.1526, 76.5212



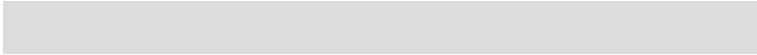
68.0315, 71.1526, 79.2554



67.5888, 71.1526, 75.3842

Square

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



68.0315, 71.1526, 79.2554



68.2479, 71.1526, 76.3267



67.2269, 71.1526, 75.7177



67.0127, 71.1526, 78.6309

Rectangle

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



68.0315, 71.1526, 79.2554



68.3628, 71.1526, 77.7278



67.2269, 71.1526, 75.7177



66.8993, 71.1526, 77.2190

Sweetspot

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



68.0335, 71.1557, 79.2570

95.0500, 100.0000, 108.9000



68.2704, 72.0756, 79.4220



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0335, 71.1557, 79.2570



92.2031, 96.1491, 108.3067



68.4746, 71.3830, 79.2776



15.0251, 15.6769, 17.6217



9.6054, 4.0471, 41.3233



0.7584, 0.3282, 2.8686

Inverse Universe

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



68.5094, 71.4164, 78.5843



93.1727, 96.6804, 106.9335



68.2891, 72.5043, 77.4170



15.1731, 15.7580, 17.4122



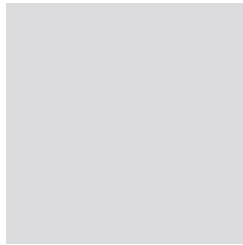
21.1309, 10.5194, 17.8869



1.5057, 0.7455, 1.4556

Previews

White Background



This preview shows how the XYZ color 68.0315, 71.1526, 79.2554 looks on a white background.

Color Contrast Check

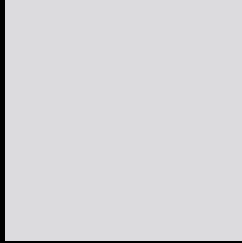
Large Text (above 18pt) WCAG AA × Fail

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 68.0315, 71.1526, 79.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

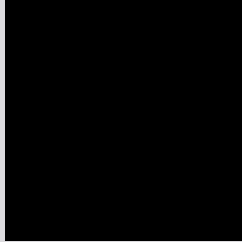
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

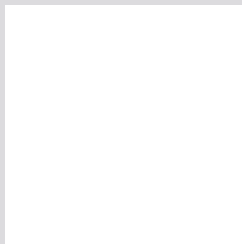
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0315, 71.1526, 79.2554

Background



This preview shows how black text looks on a background with the XYZ color 68.0315, 71.1526, 79.2554.



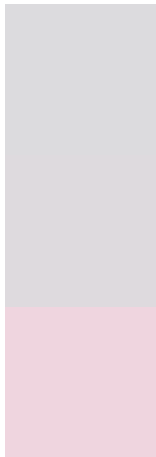
This preview shows how white text looks on a background with the XYZ color 68.0315, 71.1526, 79.2554.

79.2554.

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

68.0315, 71.1526, 79.2554

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.7101, 71.2669, 79.7357



Tritanopia

69.7883, 71.0958, 87.8865

Trichromacy



Original Color

68.0315, 71.1526, 79.2554

Protanomaly

68.0750, 70.7889, 79.1829

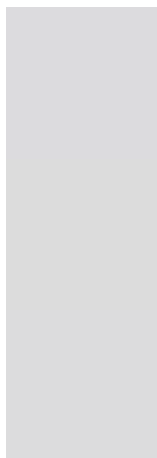
Deuteranomaly

70.8984, 71.0844, 79.7959

Tritanomaly

69.1731, 71.2281, 84.9655

Monochromacy



Original Color

68.0315, 71.1526, 79.2554

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1595, 71.6225, 78.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0315, 71.1526, 79.2554 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, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(220, 219, 222)  
}
```

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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.0315, 71.1526, 79.2554 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, 219, 222) }
```

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

```
.border{ border-color:rgb(220, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(220, 219,  
222) }
```


Background

The CSS property to change the background color of an element to XYZ 68.0315, 71.1526, 79.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 219, 222) }
```

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

```
.background{ background-color: rgb(220,  
219, 222) }
```

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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