

Converting Colors

XYZ(68.0708, 71.6307, 80.7178)

Have a look what the booklet for
XYZ(68.0708, 71.6307, 80.7178)
contains.

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Color

**XYZ(67.9612, 71.4736,
80.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	DADCE0
RGB	218, 220, 224
RGB Percent	85%, 86%, 88%
CMY	0.1451, 0.1372, 0.1216
CMYK	0.03, 0.02, 0.00, 0.12
HSL	220°, 9%, 87%
HSV	220°, 3%, 88%
XYZ	67.9612, 71.4736, 80.7349
YIQ	219.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

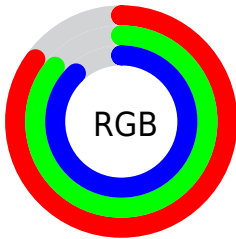
Format	Color
R _Y B	218, 220, 224
Decimal	14343392
CIE Lab	87.71, 0.06, -2.20
CIE LCh	88, 2.204, 271.579
Yxy	71.4736, 0.3087, 0.3246
Android (android.graphics.Color)	4292533472 (0xFFDADCE0)
YUV	219.8580, 2.0420, -1.6295
Hunter-Lab	84.5421, -4.4570, 2.5594

Details

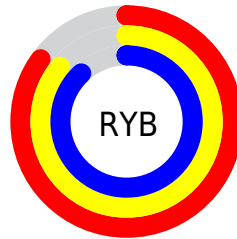
The XYZ color **67.9612, 71.4736, 80.7349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5169, 73.1512, 76.7865**, and the grayscale version is **67.9177, 71.4547, 77.8141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7208, 37.5614, 42.9035** is the 20% darker color. If you saturate the color by 10%, you get **57.9677, 60.7673, 79.1962**, and if you desaturate by 10%, it is **79.2136, 83.3518, 82.4356**.

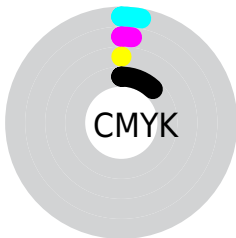
Distribution



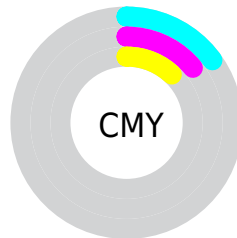
- Red (85%)
- Green (86%)
- Blue (88%)



- Red (85%)
- Yellow (86%)
- Blue (88%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9612, 71.4736, 80.7349 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 67.9612, 71.4736, 80.7349 by changing the saturation by 10% instead.

■ 67.9612, 71.4736,
80.7349

■ 67.9612, 71.4736,
80.7349

442.7374,
465.7073, 517.1780

■ 50.1397, 52.7288,
59.7936

115.3389,
121.3078, 136.2192

■ 35.7427, 37.5863,
42.8281

145.6257,
153.1660, 171.5992

■ 24.4047, 25.6618,
29.4198

180.7985,
190.1642, 212.6292

■ 15.7605, 16.5708,
19.1503

221.2224,
232.6866, 259.7278

■ 9.4446, 9.9289,
11.6010

267.2629,
281.1177, 313.3134

■ 5.0917, 5.3519,
6.3534

319.2854,

■ 2.3365, 2.4552,

335.8420, 373.8046

2.9889

377.6551,
397.2437, 441.6200

■ 0.8132, 0.8541,
1.0890

■ 0.0000, 0.0000,
0.0000

■ 67.9612, 71.4736,
80.7349

■ 67.9612, 71.4736,
80.7349

■ 57.9677, 60.7673,
79.1962

■ 79.2136, 83.3518,
82.4356

■ 49.1818, 51.1869,
77.8100

■ 88.8327, 94.9178,
84.1611

■ 41.5577, 42.6968,
76.5731

■ 90.4548, 98.1619,
84.7018

■ 35.0440, 35.2557,
75.4802

■ 29.5856, 28.8198,
74.5256

■ 25.1220, 23.3418,
73.7035

■ 21.5864, 18.7699,
73.0074

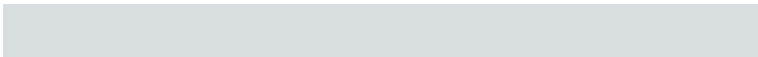
■ 18.9026, 15.0468,
72.4302

■ 16.9807, 12.1063,
71.9639

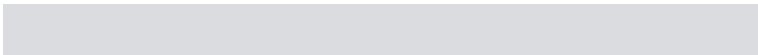
Harmonies

Analogous

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



67.4564, 71.4736, 80.3811



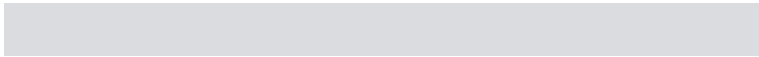
67.9612, 71.4736, 80.7349



68.4611, 71.4736, 80.3001

Triad

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



67.9612, 71.4736, 80.7349



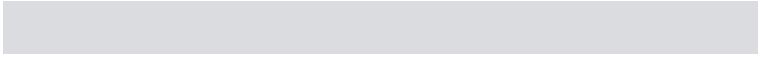
68.7932, 71.4736, 76.3253



67.0536, 71.4736, 76.4609

Complementary

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



67.9612, 71.4736, 80.7349



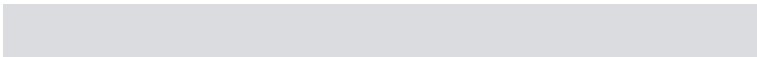
69.5169, 73.1512, 76.7865

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.



67.4087, 71.4736, 75.3966



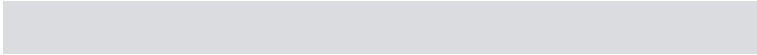
67.9612, 71.4736, 80.7349



68.4129, 71.4736, 75.3190

Square

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



67.9612, 71.4736, 80.7349



68.9429, 71.4736, 77.7433



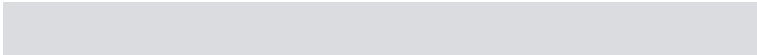
67.9058, 71.4736, 74.9812



66.9340, 71.4736, 77.9019

Rectangle

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



67.9612, 71.4736, 80.7349



68.7238, 71.4736, 79.6247



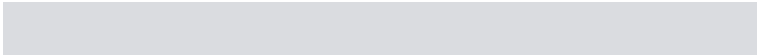
67.9058, 71.4736, 74.9812



67.1493, 71.4736, 76.0479

Sweetspot

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



67.9632, 71.4767, 80.7365



93.5786, 98.4406, 108.6766



68.7417, 73.4865, 79.5994



20.0452, 21.0868, 23.2636



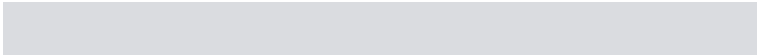
0.0000, 0.0000, 0.0000



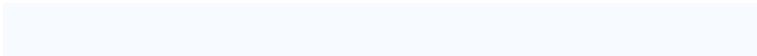
20.3446, 21.4041, 23.3091

Same Dimension

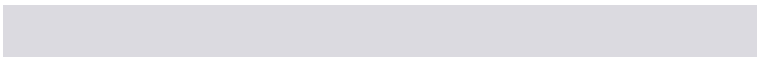
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9632, 71.4767, 80.7365



90.6872, 95.3696, 108.2362



67.7105, 70.5704, 80.5749



14.5763, 15.3267, 17.5778



9.3827, 6.2349, 41.7573



0.7308, 0.5930, 2.9212

Inverse Universe

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



68.7317, 71.1588, 77.8261



91.8482, 94.8919, 103.8389



69.7739, 74.0783, 76.9519



14.8115, 15.2310, 16.6867



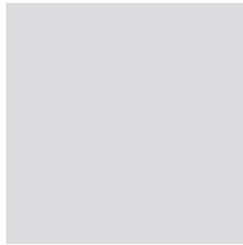
18.6761, 9.5375, 4.9603



1.3351, 0.6773, 0.5576

Previews

White Background



This preview shows how the XYZ color 67.9612, 71.4736, 80.7349 looks on a white background.

Color Contrast Check

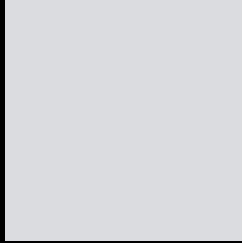
Large Text (above 18pt) WCAG AA × Fail

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 67.9612, 71.4736, 80.7349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

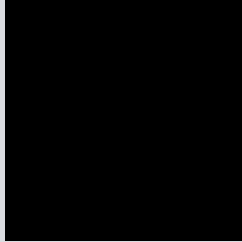
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

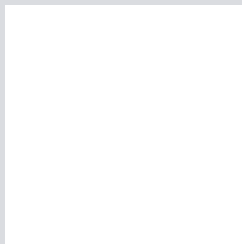
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9612, 71.4736, 80.7349

Background



This preview shows how black text looks on a background with the XYZ color 67.9612, 71.4736, 80.7349.

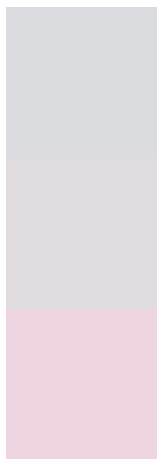


This preview shows how white text looks on a background with the XYZ color 67.9612, 71.4736,

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

67.9612, 71.4736, 80.7349

Protanopia

69.0822, 71.6787, 80.0064

Deuteranopia

72.6448, 71.2019, 81.1487



Tritanopia

69.5820, 71.3566, 88.7031

Trichromacy



Original Color

67.9612, 71.4736, 80.7349

Protanomaly

68.4696, 71.3629, 79.9777

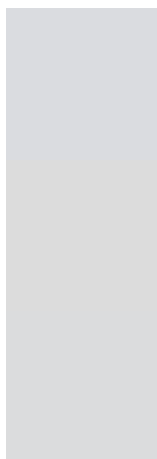
Deuteranomaly

71.1015, 71.5369, 81.2947

Tritanomaly

68.9687, 71.4926, 85.7657

Monochromacy



Original Color

67.9612, 71.4736, 80.7349

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8578, 71.4669, 78.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9612, 71.4736, 80.7349 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(218, 220, 224) looks like.

```
.text, #text, p{  
    color:rgb(218, 220, 224)  
}
```

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(218, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 220, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.9612, 71.4736, 80.7349 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(218, 220, 224) }
```


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

```
.border{ border-color:rgb(218, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 220,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9612, 71.4736, 80.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 220, 224) }
```

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

```
.background{ background-color: rgb(218,  
220, 224) }
```

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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