

Converting Colors

XYZ(69.2146, 71.9750, 87.3354)

Have a look what the booklet for
XYZ(69.2146, 71.9750, 87.3354)
contains.

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Color

**XYZ(69.2146, 71.9750,
87.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	DADCE9
RGB	218, 220, 233
RGB Percent	85%, 86%, 91%
CMY	0.1451, 0.1372, 0.0863
CMYK	0.06, 0.06, 0.00, 0.09
HSL	232°, 25%, 88%
HSV	232°, 6%, 91%
XYZ	69.2146, 71.9750, 87.3354
YIQ	220.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

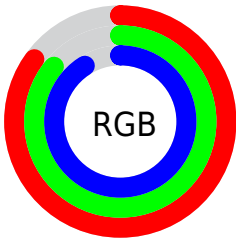
Format	Color
R_{YB}	218, 220, 233
Decimal	14343401
CIE _{Lab}	87.96, 1.75, -6.59
CIE _{LCh}	88, 6.819, 284.868
Y _{xy}	71.9750, 0.3029, 0.3150
Android (android.graphics.Color)	4292533481 (0xFFDADCE9)
YUV	220.8840, 5.9732, -2.5293
Hunter-Lab	84.8381, -2.8386, -1.6486

Details

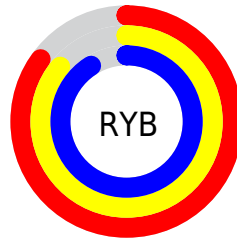
The XYZ color **69.2146, 71.9750, 87.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8353, 79.5367, 77.7387**, and the grayscale version is **68.6097, 72.1828, 78.6070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4952, 37.8711, 46.9813** is the 20% darker color. If you saturate the color by 10%, you get **57.7487, 58.6695, 85.3726**, and if you desaturate by 10%, it is **82.3040, 87.0713, 89.5605**.

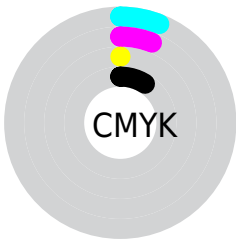
Distribution



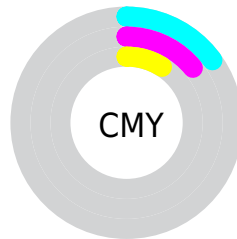
- Red (85%)
- Green (86%)
- Blue (91%)



- Red (85%)
- Yellow (86%)
- Blue (91%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2146, 71.9750, 87.3354 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 69.2146, 71.9750, 87.3354 by changing the saturation by 10% instead.

■ 69.2146, 71.9750,
87.3354

■ 69.2146, 71.9750,
87.3354

447.0970,
467.4546, 539.6692

■ 51.1638, 53.1383,
65.2116

117.1204,
122.0210, 145.5345

■ 36.5605, 37.9131,
47.1802

147.7061,
153.9990, 182.4469

■ 25.0395, 25.9153,
32.8228

183.2009,
191.1263, 225.1260

■ 16.2354, 16.7603,
21.7207

223.9699,
233.7871, 273.9901

■ 9.7828, 10.0637,
13.4555

270.3788,
282.3660, 329.4580

■ 5.3163, 5.4412,
7.6085

322.7926,

■ 2.4707, 2.5084,

337.2473, 391.9481

3.7613

381.5769,
398.8153, 461.8790

■ 0.8805, 0.8808,
1.4953

■ 0.0000, 0.0000,
0.2145

■ 69.2146, 71.9750,
87.3354

■ 69.2146, 71.9750,
87.3354

■ 57.7487, 58.6695,
85.3726

■ 82.3040, 87.0713,
89.5605

■ 47.8368, 47.0792,
83.6579

■ 91.7082, 98.6633,
91.3023

■ 39.4133, 37.1367,
82.1827

■ 32.4059, 28.7667,
80.9365

■ 26.7358, 21.8880,
79.9076

■ 22.3167, 16.4117,
79.0835

■ 19.0518, 12.2398,
78.4503

■ 16.8299, 9.2608,
77.9924

■ 15.5152, 7.3431,
77.6916

Harmonies

Analogous

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



67.5980, 71.9750, 87.3239



69.2146, 71.9750, 87.3354



70.6371, 71.9750, 84.8803

Triad

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



69.2146, 71.9750, 87.3354



70.6475, 71.9750, 72.2262



65.4393, 71.9750, 76.0567

Complementary

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



69.2146, 71.9750, 87.3354



74.8353, 79.5367, 77.7387

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.



66.2303, 71.9750, 72.1986



69.2146, 71.9750, 87.3354



69.2286, 71.9750, 70.0473

Square

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



69.2146, 71.9750, 87.3354



71.4733, 71.9750, 76.0958



67.6118, 71.9750, 70.0375



65.4356, 71.9750, 80.6861

Rectangle

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



69.2146, 71.9750, 87.3354



71.2767, 71.9750, 82.2290



67.6118, 71.9750, 70.0375



65.6213, 71.9750, 74.6308

Sweetspot

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



69.2167, 71.9781, 87.3370



91.8050, 96.2585, 108.3488



72.4420, 78.9399, 86.8363



19.6840, 20.6425, 23.1969



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.



69.2167, 71.9781, 87.3370



82.5573, 85.5707, 106.7733



70.2891, 71.7550, 87.2374



14.3934, 14.8732, 19.0345



8.6760, 3.9990, 44.0576



0.7330, 0.4174, 3.4768

Inverse Universe

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



71.5956, 72.6352, 77.9602



86.1675, 86.5813, 92.5400



73.7106, 79.7941, 77.8477



15.1474, 15.0868, 16.0613



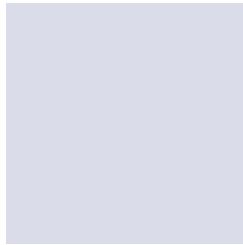
19.2345, 9.8965, 1.7705



1.5365, 0.7875, 0.2764

Previews

White Background



This preview shows how the XYZ color 69.2146, 71.9750, 87.3354 looks on a white background.

Color Contrast Check

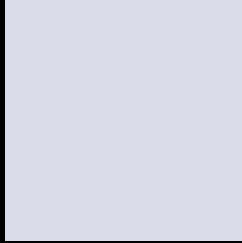
Large Text (above 18pt) WCAG AA × Fail

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 69.2146, 71.9750, 87.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

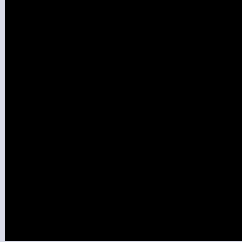
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

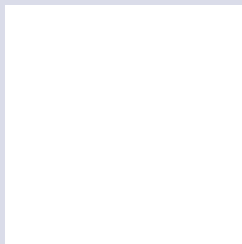
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2146, 71.9750, 87.3354

Background



This preview shows how black text looks on a background with the XYZ color 69.2146, 71.9750, 87.3354.



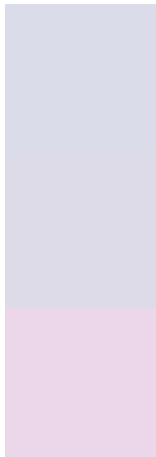
This preview shows how white text looks on a background with the XYZ color 69.2146, 71.9750,

87.3354.

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

69.2146, 71.9750, 87.3354

Protanopia

69.7158, 71.8614, 86.5401

Deuteranopia

73.4899, 71.8665, 87.8402



Tritanopia

69.8310, 71.8375, 90.3063

Trichromacy



Original Color

69.2146, 71.9750, 87.3354

Protanomaly

69.4122, 71.7049, 86.5259

Deuteranomaly

71.7202, 71.7103, 87.9033

Tritanomaly

69.6853, 71.7792, 89.5389

Monochromacy



Original Color

69.2146, 71.9750, 87.3354

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9623, 72.3648, 81.5673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2146, 71.9750, 87.3354 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, 233) looks like.

```
.text, #text, p{  
    color:rgb(218, 220, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 220, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.2146, 71.9750, 87.3354 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, 233) }
```


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

```
.border{ border-color:rgb(218, 220, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(218, 220,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2146, 71.9750, 87.3354 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, 233) }
```

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

```
.background{ background-color: rgb(218,  
220, 233) }
```

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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