

Converting Colors

XYZ(69.2454, 71.7143, 88.3399)

Have a look what the booklet for
XYZ(69.2454, 71.7143, 88.3399)
contains.

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Color

**XYZ(69.0962, 71.5090,
88.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBEA
RGB	218, 219, 234
RGB Percent	85%, 86%, 92%
CMY	0.1451, 0.1412, 0.0823
CMYK	0.07, 0.06, 0.00, 0.08
HSL	236°, 28%, 89%
HSV	236°, 7%, 92%
XYZ	69.0962, 71.5090, 88.0028
YIQ	220.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

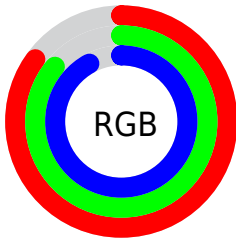
Format	Color
R _Y B	218, 219, 234
Decimal	14343146
CIE Lab	87.73, 2.46, -7.45
CIE LCh	88, 7.847, 288.287
Yxy	71.5090, 0.3022, 0.3128
Android (android.graphics.Color)	4292533226 (0xFFDADBEA)
YUV	220.4110, 6.6994, -2.1144
Hunter-Lab	84.5630, -2.1334, -2.5077

Details

The XYZ color **69.0962, 71.5090, 88.0028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7256, 80.8313, 77.9416**, and the grayscale version is **68.2737, 71.8292, 78.2220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4156, 37.5518, 47.4484** is the 20% darker color. If you saturate the color by 10%, you get **57.2371, 57.4553, 85.9163**, and if you desaturate by 10%, it is **82.7012, 87.5857, 90.3900**.

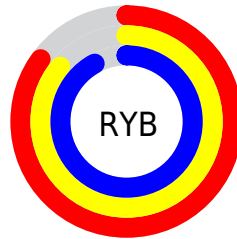
Distribution



Red (85%)

Green (86%)

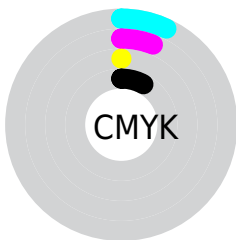
Blue (92%)



Red (85%)

Yellow (86%)

Blue (92%)

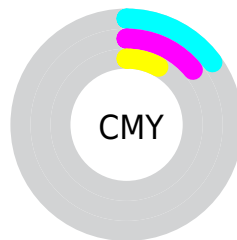


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0962, 71.5090, 88.0028 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 69.0962, 71.5090, 88.0028 by changing the saturation by 10% instead.

■ 69.0962, 71.5090,
88.0028

■ 69.0962, 71.5090,
88.0028

446.6863,
465.8308, 541.9139

■ 51.0670, 52.7577,
65.7610

116.9523,
121.3582, 146.4722

■ 36.4832, 37.6094,
47.6232

147.5099,
153.2249, 183.5370

■ 24.9794, 25.6796,
33.1707

182.9743,
190.2321, 226.3798

■ 16.1904, 16.5841,
21.9851

223.7109,
232.7643, 275.4192

■ 9.7507, 9.9384,
13.6477

270.0850,
281.2059, 331.0738

■ 5.2950, 5.3582,
7.7401

322.4621,

■ 2.4579, 2.4589,

335.9413, 393.7621

3.8437

381.2074,
397.3548, 463.9026

■ 0.8741, 0.8559,
1.5400

■ 0.0000, 0.0000,
0.2475

■ 69.0962, 71.5090,
88.0028

■ 69.0962, 71.5090,
88.0028

■ 57.2371, 57.4553,
85.9163

■ 82.7012, 87.5857,
90.3900

■ 47.0473, 45.3359,
84.1141

■ 91.8515, 98.7206,
92.0569

■ 38.4537, 35.0687,
82.5853

■ 31.3752, 26.5625,
81.3165

■ 25.7238, 19.7181,
80.2932

■ 21.4024, 14.4267,
79.4996

■ 18.3015, 10.5663,
78.9179

■ 16.2945, 7.9966,
78.5277

■ 15.2237, 6.5476,
78.3045

Harmonies

Analogous

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



67.2433, 71.5090, 88.3333



69.0962, 71.5090, 88.0028



70.6736, 71.5090, 84.8813

Triad

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



69.0962, 71.5090, 88.0028



70.3761, 71.5090, 70.4587



64.5231, 71.5090, 75.7992

Complementary

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



69.0962, 71.5090, 88.0028



75.7256, 80.8313, 77.9416

Split Complementary

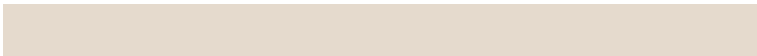
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3308, 71.5090, 71.2392



69.0962, 71.5090, 88.0028



68.6962, 71.5090, 68.2512

Square

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



69.0962, 71.5090, 88.0028



71.4218, 71.5090, 74.6895



66.8505, 71.5090, 68.5302



64.6258, 71.5090, 81.1214

Rectangle

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



69.0962, 71.5090, 88.0028



71.3462, 71.5090, 81.7144



66.8505, 71.5090, 68.5302



64.6966, 71.5090, 74.1310

Sweetspot

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



69.0983, 71.5120, 88.0044



91.6925, 96.0335, 108.3113



73.0358, 79.6316, 88.5631



19.6611, 20.5967, 23.1893



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.



69.0983, 71.5120, 88.0044



82.1398, 84.7358, 106.6342



70.9543, 72.0813, 88.0164



14.3070, 14.7005, 19.0057



8.4694, 3.5859, 43.9887



0.6918, 0.3351, 3.4631

Inverse Universe

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



71.7909, 72.7510, 77.2800



85.9568, 86.4970, 91.4304



73.7784, 80.2505, 77.9321



15.1038, 15.0694, 15.8318



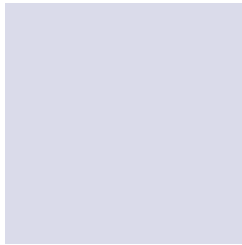
19.1303, 9.8548, 1.2215



1.5157, 0.7792, 0.1670

Previews

White Background



This preview shows how the XYZ color 69.0962, 71.5090, 88.0028 looks on a white background.

Color Contrast Check

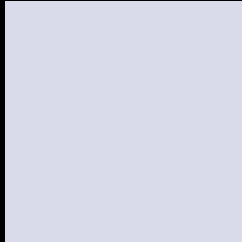
Large Text (above 18pt) WCAG AA × Fail

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 69.0962, 71.5090, 88.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

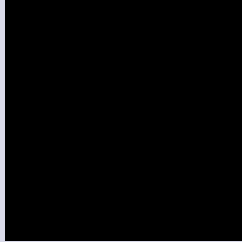
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

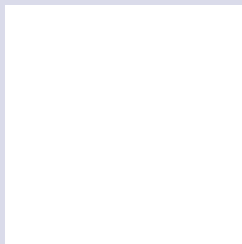
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0962, 71.5090, 88.0028

Background



This preview shows how black text looks on a background with the XYZ color 69.0962, 71.5090, 88.0028.

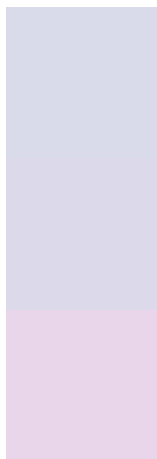


This preview shows how white text looks on a background with the XYZ color 69.0962, 71.5090,

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

69.0962, 71.5090, 88.0028

Protanopia

69.4379, 71.2990, 87.9442

Deuteranopia

72.9736, 71.5837, 88.5682



Tritanopia

69.3853, 71.6246, 89.5248

Trichromacy



Original Color

69.0962, 71.5090, 88.0028

Protanomaly

69.1361, 71.1434, 87.9301

Deuteranomaly

71.5462, 71.6039, 88.6473

Tritanomaly

69.2404, 71.5666, 88.7616

Monochromacy



Original Color

69.0962, 71.5090, 88.0028

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3972, 71.6827, 81.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0962, 71.5090, 88.0028 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, 219, 234) looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 234)  
}
```

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, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.0962, 71.5090, 88.0028 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, 219, 234) }
```


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

```
.border{ border-color:rgb(218, 219, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0962, 71.5090, 88.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 234) }
```

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

```
.background{ background-color: rgb(218,  
219, 234) }
```

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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