

Converting Colors

XYZ(69.3721, 72.0727, 86.5990)

Have a look what the booklet for
XYZ(69.3721, 72.0727, 86.5990)
contains.

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Color

**XYZ(69.3721, 72.0727,
86.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDCE8
RGB	219, 220, 232
RGB Percent	86%, 86%, 91%
CMY	0.1412, 0.1372, 0.0902
CMYK	0.06, 0.05, 0.00, 0.09
HSL	235°, 22%, 88%
HSV	235°, 6%, 91%
XYZ	69.3721, 72.0727, 86.5990
YIQ	221.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

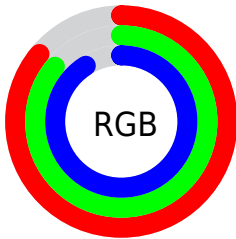
Format	Color
R _Y B	219, 220, 232
Decimal	14408936
CIE Lab	88.00, 1.89, -5.99
CIE LCh	88, 6.277, 287.506
Yxy	72.0727, 0.3042, 0.3160
Android (android.graphics.Color)	4292599016 (0xFFDBDCE8)
YUV	221.0690, 5.3890, -1.8145
Hunter-Lab	84.8956, -2.7069, -1.0527

Details

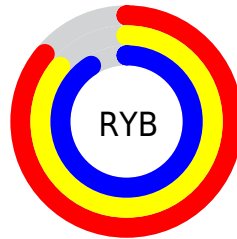
The XYZ color **69.3721, 72.0727, 86.5990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6409, 79.4212, 78.4148**, and the grayscale version is **68.7431, 72.3231, 78.7598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6014, 37.9374, 46.4678** is the 20% darker color. If you saturate the color by 10%, you get **57.6097, 58.1967, 84.5417**, and if you desaturate by 10%, it is **82.8311, 87.8955, 88.9448**.

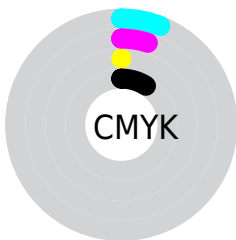
Distribution



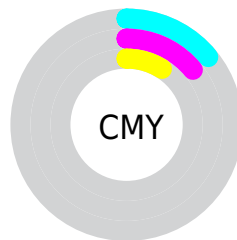
- Red (86%)
- Green (86%)
- Blue (91%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3721, 72.0727, 86.5990 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 69.3721, 72.0727, 86.5990 by changing the saturation by 10% instead.

■ 69.3721, 72.0727,
86.5990

■ 69.3721, 72.0727,
86.5990

447.6431,
467.7946, 537.1862

■ 51.2925, 53.2181,
64.6057

117.3441,
122.1599, 144.4990

■ 36.6635, 37.9769,
46.6921

147.9672,
154.1612, 181.2428

■ 25.1195, 25.9647,
32.4397

183.5022,
191.3136, 223.7405

■ 16.2953, 16.7973,
21.4300

224.3144,
234.0014, 272.4106

■ 9.8255, 10.0901,
13.2444

270.7693,
282.6090, 327.6717

■ 5.3448, 5.4587,
7.4643

323.2321,

■ 2.4878, 2.5188,

337.5208, 389.9423

3.6713

382.0683,
399.1212, 459.6410

■ 0.8891, 0.8860,
1.4468

■ 0.0000, 0.0000,
0.1778

■ 69.3721, 72.0727,
86.5990

■ 69.3721, 72.0727,
86.5990

■ 57.6097, 58.1967,
84.5417

■ 82.8311, 87.8955,
88.9448

■ 47.4704, 46.1833,
82.7573

■ 91.5657, 98.6063,
90.5519

■ 38.8847, 35.9561,
81.2358

■ 31.7757, 27.4295,
79.9646

■ 26.0599, 20.5111,
78.9305

■ 21.6455, 15.0997,
78.1187

■ 18.4294, 11.0825,
77.5128

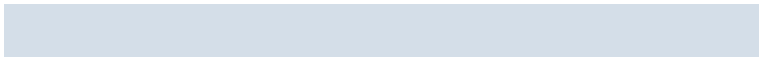
■ 16.2929, 8.3306,
77.0942

■ 15.0928, 6.6909,
76.8410

Harmonies

Analogous

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



67.8823, 72.0727, 86.7983



69.3721, 72.0727, 86.5990



70.6465, 72.0727, 84.1741

Triad

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



69.3721, 72.0727, 86.5990



70.4651, 72.0727, 72.5543



65.7320, 72.0727, 76.7056

Complementary

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



69.3721, 72.0727, 86.5990



74.6409, 79.4212, 78.4148

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.



66.4032, 72.0727, 73.0389



69.3721, 72.0727, 86.5990



69.1273, 72.0727, 70.7014

Square

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



69.3721, 72.0727, 86.5990



71.2838, 72.0727, 76.0222



67.6411, 72.0727, 70.8755



65.7953, 72.0727, 80.9799

Rectangle

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



69.3721, 72.0727, 86.5990



71.1959, 72.0727, 81.6700



67.6411, 72.0727, 70.8755



65.8788, 72.0727, 75.3642

Sweetspot

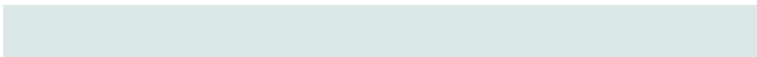
The Sweet Spot groups the original color and five complimentary colors.



69.3742, 72.0758, 86.6006



91.7155, 96.0794, 108.3190



72.4832, 78.5392, 86.8800



19.6658, 20.6060, 23.1908



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.



69.3742, 72.0758, 86.6006



83.7536, 86.7073, 106.9296



70.7679, 72.4044, 86.5906



14.1558, 14.6356, 18.2232



8.2403, 3.5427, 42.6327



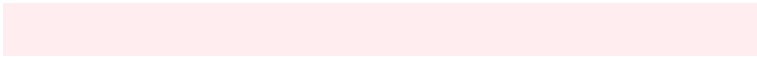
0.6403, 0.3245, 3.1609

Inverse Universe

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



71.5301, 72.9875, 78.0318



87.0780, 88.1194, 93.7155



73.1912, 79.0921, 78.4277



14.7633, 14.8940, 15.8085



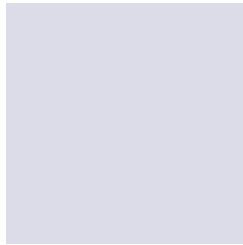
18.5528, 9.5553, 1.2742



1.3868, 0.7124, 0.1775

Previews

White Background



This preview shows how the XYZ color 69.3721, 72.0727, 86.5990 looks on a white background.

Color Contrast Check

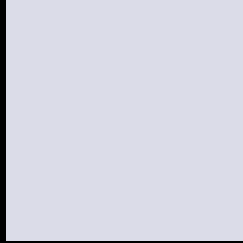
Large Text (above 18pt) WCAG AA × Fail

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 69.3721, 72.0727, 86.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

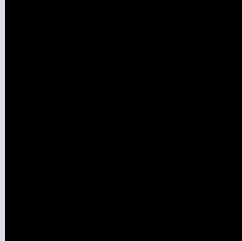
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

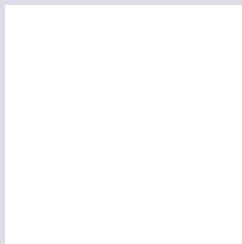
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3721, 72.0727, 86.5990

Background



This preview shows how black text looks on a background with the XYZ color 69.3721, 72.0727, 86.5990.

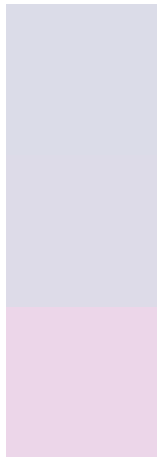


This preview shows how white text looks on a background with the XYZ color 69.3721, 72.0727,

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

69.3721, 72.0727, 86.5990

Protanopia

69.7158, 71.8614, 86.5401

Deuteranopia

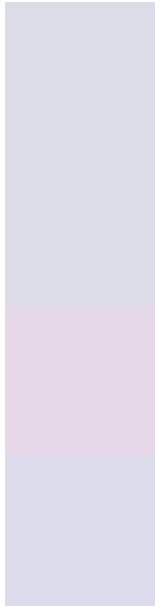
73.3466, 71.8092, 87.0856



Tritanopia

70.1328, 71.9931, 90.3204

Trichromacy



Original Color

69.3721, 72.0727, 86.5990

Protanomaly

69.4122, 71.7049, 86.5259

Deuteranomaly

71.8970, 71.8179, 87.1637

Tritanomaly

69.8421, 71.8768, 88.7898

Monochromacy



Original Color

69.3721, 72.0727, 86.5990

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 69.3721, 72.0727, 86.5990 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(219, 220, 232) looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 232)  
}
```

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(219, 220, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.3721, 72.0727, 86.5990 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(219, 220, 232) }
```


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

```
.border{ border-color:rgb(219, 220, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3721, 72.0727, 86.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 232) }
```

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

```
.background{ background-color: rgb(219,  
220, 232) }
```

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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