

Converting Colors

XYZ(69.8929, 72.9809, 92.8526)

Have a look what the booklet for
XYZ(69.8929, 72.9809, 92.8526)
contains.

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Color

**XYZ(69.8738, 72.9809,
92.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DEF0
RGB	215, 222, 240
RGB Percent	84%, 87%, 94%
CMY	0.1569, 0.1294, 0.0588
CMYK	0.10, 0.07, 0.00, 0.06
HSL	223°, 45%, 89%
HSV	223°, 10%, 94%
XYZ	69.8738, 72.9809, 92.8421
YIQ	221.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

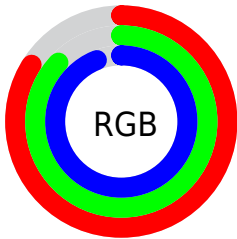
Format	Color
R _Y B	215, 220, 240
Decimal	14147312
CIE Lab	88.44, 1.10, -9.59
CIE LCh	88, 9.648, 276.520
Yxy	72.9809, 0.2965, 0.3096
Android (android.graphics.Color)	4292337392 (0xFFD7DEF0)
YUV	221.9590, 8.8942, -6.1030
Hunter-Lab	85.4289, -3.5021, -4.6348

Details

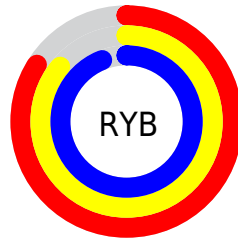
The XYZ color **69.8738, 72.9809, 92.8421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.3402, 81.7090, 75.9865**, and the grayscale version is **69.3482, 72.9598, 79.4532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9677, 38.5717, 50.8441** is the 20% darker color. If you saturate the color by 10%, you get **58.9810, 60.9005, 91.0856**, and if you desaturate by 10%, it is **82.2749, 86.5408, 94.8070**.

Distribution



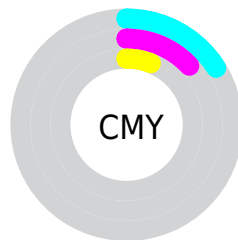
- Red (84%)
- Green (87%)
- Blue (94%)



- Red (84%)
- Yellow (86%)
- Blue (94%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8738, 72.9809, 92.8421 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 69.8738, 72.9809, 92.8421 by changing the saturation by 10% instead.

■ 69.8738, 72.9809,
92.8421

■ 69.8738, 72.9809,
92.8421

449.3801,
470.9486, 558.0403

■ 51.7029, 53.9603,
69.7533

118.0560,
123.4501, 153.2498

■ 36.9916, 38.5700,
50.8499

148.7980,
155.6675, 191.4058

■ 25.3746, 26.4253,
35.7133

184.4611,
193.0527, 235.4213

■ 16.4866, 17.1421,
23.9249

225.4106,
235.9900, 285.7149

■ 9.9622, 10.3359,
15.0662

272.0119,
284.8639, 342.7050

■ 5.4360, 5.6222,
8.7187

324.6304,

■ 2.5426, 2.6168,

340.0587, 406.8102

4.4639

383.6313,
401.9588, 478.4492

■ 0.9168, 0.9351,
1.8831

■ 0.0000, 0.0000,
0.4820

■ 69.8738, 72.9809,
92.8421

■ 69.8738, 72.9809,
92.8421

■ 58.9810, 60.9005,
91.0856

■ 82.2749, 86.5408,
94.8070

■ 49.5312, 50.2392,
89.5258

■ 92.7284, 99.0714,
96.6746

■ 41.4637, 40.9457,
88.1572

■ 34.7106, 32.9620,
86.9721

■ 29.1985, 26.2256,
85.9624

■ 24.8458, 20.6686,
85.1192

■ 21.5607, 16.2157,
84.4328

■ 19.2357, 12.7813,
83.8925

■ 17.7493, 10.3331,
83.4983

Harmonies

Analogous

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



67.6042, 72.9809, 91.7646



69.8738, 72.9809, 92.8421



72.0543, 72.9809, 90.1775

Triad

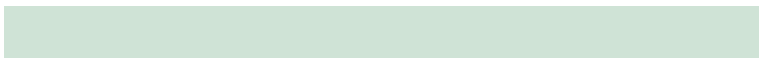
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8738, 72.9809, 92.8421



73.0126, 72.9809, 72.1022



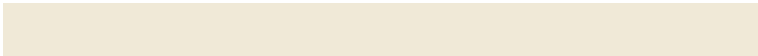
65.3553, 72.9809, 74.4823

Complementary

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



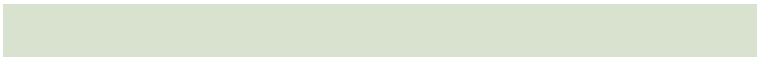
69.8738, 72.9809, 92.8421



77.3402, 81.7090, 75.9865

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.



66.7457, 72.9809, 69.6341



69.8738, 72.9809, 92.8421



71.1584, 72.9809, 68.3145

Square

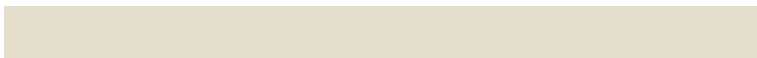
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8738, 72.9809, 92.8421



73.8924, 72.9809, 78.0223



68.8610, 72.9809, 67.4367



65.0286, 72.9809, 80.9230

Rectangle

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



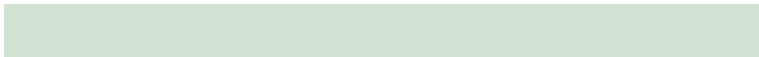
69.8738, 72.9809, 92.8421



73.1531, 72.9809, 86.7206



68.8610, 72.9809, 67.4367



65.7122, 72.9809, 72.6236

Sweetspot

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



69.8760, 72.9840, 92.8437



90.5596, 95.1144, 108.1936



73.8818, 82.6470, 89.0881



19.1324, 20.0846, 23.1183



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.



69.8760, 72.9840, 92.8437



78.0455, 81.3931, 106.2047



69.6714, 70.1743, 92.3122



15.2577, 15.9496, 19.9960



9.8126, 5.8494, 45.7397



0.8974, 0.6487, 3.8321

Inverse Universe

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



73.4222, 72.4017, 79.2159



82.7072, 80.6682, 88.2810



77.5506, 84.8191, 76.5757



15.9548, 15.8316, 17.3181



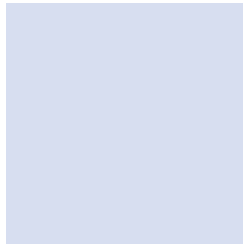
20.2786, 10.3838, 4.1175



1.7279, 0.8802, 0.5579

Previews

White Background



This preview shows how the XYZ color 69.8738, 72.9809, 92.8421 looks on a white background.

Color Contrast Check

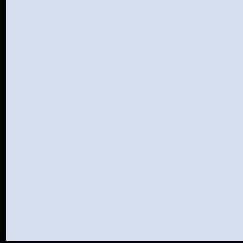
Large Text (above 18pt) WCAG AA × Fail

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 69.8738, 72.9809, 92.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

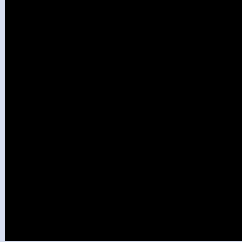
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8738, 72.9809, 92.8421

Background



This preview shows how black text looks on a background with the XYZ color 69.8738, 72.9809, 92.8421.



This preview shows how white text looks on a background with the XYZ color 69.8738, 72.9809,

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

69.8738, 72.9809, 92.8421

Protanopia

70.9920, 72.7905, 91.9697

Deuteranopia

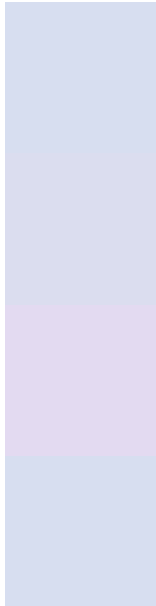
74.3647, 72.9550, 93.3814



Tritanopia

69.8738, 72.9809, 92.8421

Trichromacy



Original Color

69.8738, 72.9809, 92.8421

Protanomaly

70.6499, 73.0050, 92.0291

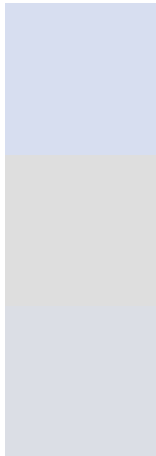
Deuteranomaly

72.6271, 72.8246, 93.4478

Tritanomaly

69.8738, 72.9809, 92.8421

Monochromacy



Original Color

69.8738, 72.9809, 92.8421

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4776, 72.9598, 84.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8738, 72.9809, 92.8421 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(215, 222, 240) looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 240)  
}
```

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(215, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 69.8738, 72.9809, 92.8421 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(215, 222, 240) }
```


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

```
.border{ border-color:rgb(215, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(215, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8738, 72.9809, 92.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 240) }
```

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

```
.background{ background-color: rgb(215,  
222, 240) }
```

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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