

Converting Colors

XYZ(67.3423, 71.1705, 77.6860)

Have a look what the booklet for
XYZ(67.3423, 71.1705, 77.6860)
contains.

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Color

**XYZ(67.4249, 71.2591,
77.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	DADCDC
RGB	218, 220, 220
RGB Percent	85%, 86%, 86%
CMY	0.1451, 0.1372, 0.1372
CMYK	0.01, 0.00, 0.00, 0.14
HSL	180°, 3%, 86%
HSV	180°, 1%, 86%
XYZ	67.4249, 71.2591, 77.9109
YIQ	219.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

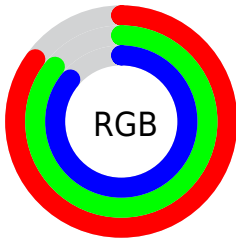
Format	Color
R _Y B	218, 219, 220
Decimal	14343388
CIE Lab	87.61, -0.67, -0.25
CIE LCh	88, 0.715, 200.190
Yxy	71.2591, 0.3113, 0.3290
Android (android.graphics.Color)	4292533468 (0xFFDADCDC)
YUV	219.4020, 0.2948, -1.2296
Hunter-Lab	84.4151, -5.1531, 4.3689

Details

The XYZ color **67.4249, 71.2591, 77.9109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2441, 70.4222, 76.3818**, and the grayscale version is **67.6114, 71.1324, 77.4632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3509, 37.4134, 40.9556** is the 20% darker color. If you saturate the color by 10%, you get **61.2731, 68.0903, 77.5975**, and if you desaturate by 10%, it is **74.4541, 74.8842, 78.2683**.

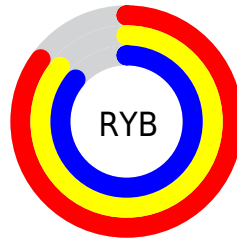
Distribution



Red (85%)

Green (86%)

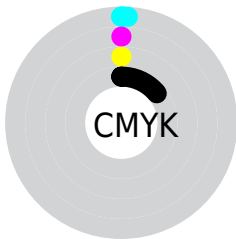
Blue (86%)



Red (85%)

Yellow (86%)

Blue (86%)

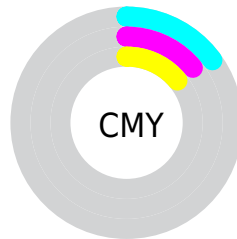


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (15%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4249, 71.2591, 77.9109 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 67.4249, 71.2591, 77.9109 by changing the saturation by 10% instead.

■ 67.4249, 71.2591,
77.9109

■ 67.4249, 71.2591,
77.9109

440.8644,
464.9587, 507.3841

■ 49.7020, 52.5537,
57.4848

114.5755,
121.0026, 132.2092

■ 35.3935, 37.4466,
40.9826

144.7338,
152.8094, 166.9185

■ 24.1341, 25.5535,
27.9859

179.7681,
189.7522, 207.2260

■ 15.5584, 16.4899,
18.0761

220.0435,
232.2153, 253.5501

■ 9.3011, 9.8715,
10.8346

265.9255,
280.5831, 306.3094

■ 4.9967, 5.3138,
5.8430

317.7794,

■ 2.2801, 2.4325,

335.2400, 365.9225

2.6826

375.9706,
396.5704, 432.8079

■ 0.7844, 0.8426,
0.9346

■ 0.0000, 0.0000,
0.0000

■ 67.4249, 71.2591,
77.9109

■ 67.4249, 71.2591,
77.9109

■ 61.2731, 68.0903,
77.5975

■ 74.4541, 74.8842,
78.2683

■ 55.9584, 65.3511,
77.3219

■ 79.7634, 77.6206,
78.5437

■ 51.4464, 63.0257,
77.0838

■ 79.7685, 77.6227,
78.5709

■ 47.6982, 61.0940,
76.8814

■ 79.7737, 77.6248,
78.5981

44.6714, 59.5343,
76.7129

79.7789, 77.6268,
78.6253

42.3197, 58.3225,
76.5759

79.7840, 77.6289,
78.6525

40.5911, 57.4320,
76.4681

79.7892, 77.6310,
78.6798

39.4265, 56.8322,
76.3867

79.7944, 77.6330,
78.7070

38.7551, 56.4866,
76.3284

79.7995, 77.6351,
78.7342

Harmonies

Analogous

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



67.4097, 71.2591, 77.4305



67.4249, 71.2591, 77.9109



67.5217, 71.2591, 78.3066

Triad

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



67.4249, 71.2591, 77.9109



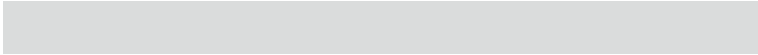
67.9797, 71.2591, 78.1868



67.7851, 71.2591, 76.6750

Complementary

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



67.4249, 71.2591, 77.9109



67.2441, 70.4222, 76.3818

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.



67.9380, 71.2591, 76.8759



67.4249, 71.2591, 77.9109



68.0506, 71.2591, 77.7478

Square

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



67.4249, 71.2591, 77.9109



67.8419, 71.2591, 78.4664



68.0353, 71.2591, 77.2681



67.6175, 71.2591, 76.7183

Rectangle

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



67.4249, 71.2591, 77.9109



67.6195, 71.2591, 78.4685



68.0353, 71.2591, 77.2681



67.8399, 71.2591, 76.7162

Sweetspot

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



67.4269, 71.2622, 77.9125

95.0500, 100.0000, 108.9000



67.1735, 71.1619, 76.5259



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

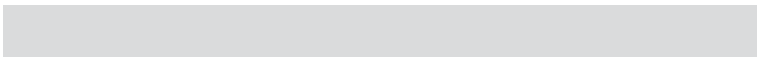
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4269, 71.2622, 77.9125



94.1173, 99.5193, 108.8526



67.1739, 70.7554, 77.8304



14.5855, 15.4176, 16.8587



22.5722, 33.0615, 44.7741



1.4627, 2.1420, 2.9024

Inverse Universe

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



67.2441, 70.4222, 76.3818



93.8347, 98.2209, 106.4865



67.4955, 70.9258, 76.4633



14.5445, 15.2294, 16.5158



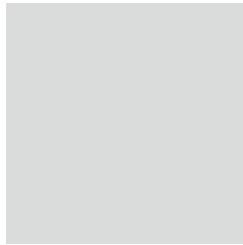
17.3239, 8.9306, 0.8195



1.1227, 0.5787, 0.0549

Previews

White Background



This preview shows how the XYZ color 67.4249, 71.2591, 77.9109 looks on a white background.

Color Contrast Check

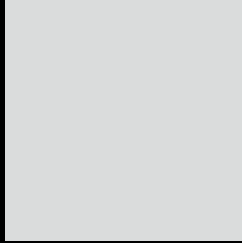
Large Text (above 18pt) WCAG AA × Fail

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 67.4249, 71.2591, 77.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

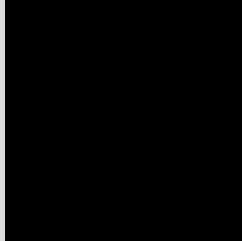
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

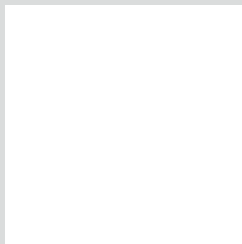
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4249, 71.2591, 77.9109

Background



This preview shows how black text looks on a background with the XYZ color 67.4249, 71.2591, 77.9109.

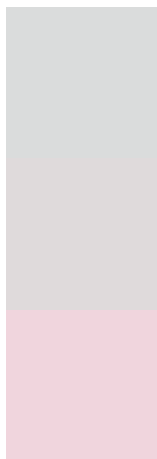


This preview shows how white text looks on a background with the XYZ color 67.4249, 71.2591,

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

67.4249, 71.2591, 77.9109

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.7806, 71.3342, 78.3395



Tritanopia

69.5820, 71.3566, 88.7031

Trichromacy



Original Color

67.4249, 71.2591, 77.9109

Protanomaly

67.9365, 71.1497, 77.1705

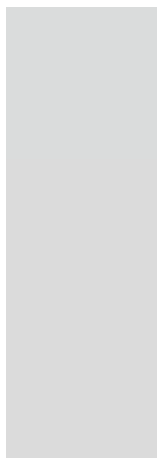
Deuteranomaly

70.8857, 71.4880, 78.4691

Tritanomaly

68.8279, 71.4363, 85.0239

Monochromacy



Original Color

67.4249, 71.2591, 77.9109

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.3311, 70.8376, 77.1421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4249, 71.2591, 77.9109 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, 220) looks like.

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

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, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.4249, 71.2591, 77.9109 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, 220) }
```

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

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

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, 220)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 67.4249, 71.2591, 77.9109 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, 220) }
```

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

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

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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