

Converting Colors

XYZ(67.1336, 74.4928, 78.9219)

Have a look what the booklet for
XYZ(67.1336, 74.4928, 78.9219)
contains.

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Color

**XYZ(67.0890, 74.2626,
79.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E4DD
RGB	209, 228, 221
RGB Percent	82%, 89%, 87%
CMY	0.1804, 0.1059, 0.1333
CMYK	0.08, 0.00, 0.03, 0.11
HSL	158°, 26%, 86%
HSV	158°, 8%, 89%
XYZ	67.0890, 74.2626, 79.2048
YIQ	221.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

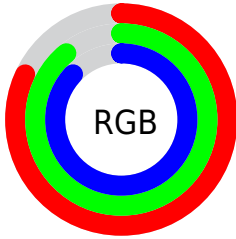
Format	Color
R _Y B	209, 221, 228
Decimal	13755613
CIE Lab	89.05, -7.60, 1.24
CIE LCh	89, 7.702, 170.706
Yxy	74.2626, 0.3042, 0.3367
Android (android.graphics.Color)	4291945693 (0xFFD1E4DD)
YUV	221.5210, -0.2569, -10.9809
Hunter-Lab	86.1758, -11.8429, 5.8291

Details

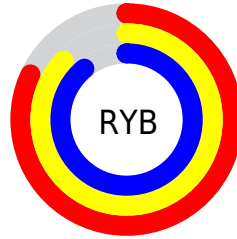
The XYZ color **67.0890, 74.2626, 79.2048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1927, 67.0546, 74.3705**, and the grayscale version is **69.1015, 72.7002, 79.1705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3441, 39.6089, 41.8588** is the 20% darker color. If you saturate the color by 10%, you get **60.0028, 70.7377, 73.1755**, and if you desaturate by 10%, it is **75.1587, 78.2921, 85.5758**.

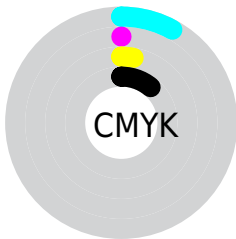
Distribution



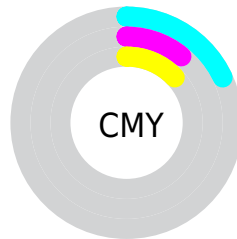
- Red (82%)
- Green (89%)
- Blue (87%)



- Red (82%)
- Yellow (87%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0890, 74.2626, 79.2048 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 67.0890, 74.2626, 79.2048 by changing the saturation by 10% instead.

■ 67.0890, 74.2626,
79.2048

■ 67.0890, 74.2626,
79.2048

439.6890,
475.3792, 511.8848

■ 49.4279, 55.0090,
58.5419

114.0970,
125.2680, 134.0484

■ 35.1750, 39.4089,
41.8269

144.1747,
157.7886, 169.0662

■ 23.9648, 27.0780,
28.6412

179.1219,
195.5003, 209.7061

■ 15.4321, 17.6318,
18.5663

219.3040,
238.7874, 256.3865

■ 9.2115, 10.6860,
11.1837

265.0865,
288.0345, 309.5260

■ 4.9376, 5.8561,
6.0748

316.8345,

■ 2.2451, 2.7578,

343.6259, 369.5432

2.8211

374.9136,
405.9460, 436.8567

■ 0.7663, 1.0066,
1.0040

■ 0.0000, 0.0000,
0.0000

■ 67.0890, 74.2626,
79.2048

■ 67.0890, 74.2626,
79.2048

■ 60.0028, 70.7377,
73.1755

■ 75.1587, 78.2921,
85.5758

■ 53.8538, 67.6876,
67.4768

■ 84.2430, 82.8361,
92.2893

■ 48.6017, 65.0935,
62.1041

■ 85.6516, 83.4164,
98.9445

■ 44.2004, 62.9318,
57.0508

■ 86.9725, 83.9448,
105.9002

■ 40.5995, 61.1767,
52.3099

■ 87.0348, 83.9697,
106.2283

■ 37.7433, 59.7995,
47.8743

■ 35.5686, 58.7677,
43.7362

■ 34.0007, 58.0430,
39.8872

■ 32.9323, 57.5702,
36.3172

Harmonies

Analogous

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



67.8333, 74.2626, 74.5007



67.0890, 74.2626, 79.2048



67.2684, 74.2626, 84.5619

Triad

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



67.0890, 74.2626, 79.2048



71.8656, 74.2626, 90.8978



72.8902, 74.2626, 73.1357

Complementary

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



67.0890, 74.2626, 79.2048



67.1927, 67.0546, 74.3705

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.



74.0076, 74.2626, 77.2665



67.0890, 74.2626, 79.2048



73.4089, 74.2626, 87.5698

Square

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



67.0890, 74.2626, 79.2048



70.0043, 74.2626, 91.4730



74.1991, 74.2626, 82.5368



71.1677, 74.2626, 71.1002

Rectangle

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



67.0890, 74.2626, 79.2048



67.8889, 74.2626, 87.7755



74.1991, 74.2626, 82.5368



73.3503, 74.2626, 74.3164

Sweetspot

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



67.0911, 74.2657, 79.2064



91.8407, 98.3976, 106.3978



67.6572, 74.7358, 71.1820



19.4784, 20.9716, 22.6318



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.



67.0911, 74.2657, 79.2064



84.8065, 94.8898, 100.7150



67.4380, 73.4348, 84.0226



14.5703, 16.2416, 17.2680



18.9848, 33.2260, 20.9520



1.4473, 2.4731, 1.7822

Inverse Universe

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



67.1927, 67.0546, 74.3705



84.9627, 83.8017, 93.2794



66.8540, 67.7955, 69.8848



14.5955, 14.4554, 16.0702



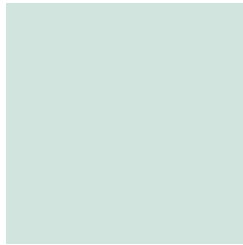
19.4520, 9.9150, 6.0094



1.4810, 0.7501, 0.6737

Previews

White Background



This preview shows how the XYZ color 67.0890, 74.2626, 79.2048 looks on a white background.

Color Contrast Check

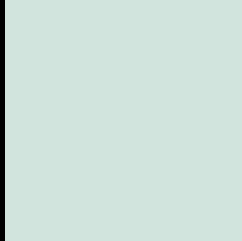
Large Text (above 18pt) WCAG AA × Fail

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 67.0890, 74.2626, 79.2048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

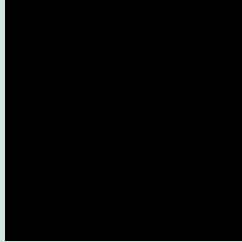
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

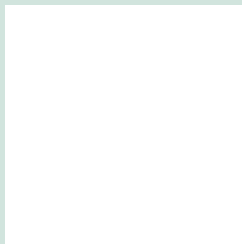
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0890, 74.2626, 79.2048

Background



This preview shows how black text looks on a background with the XYZ color 67.0890, 74.2626, 79.2048.

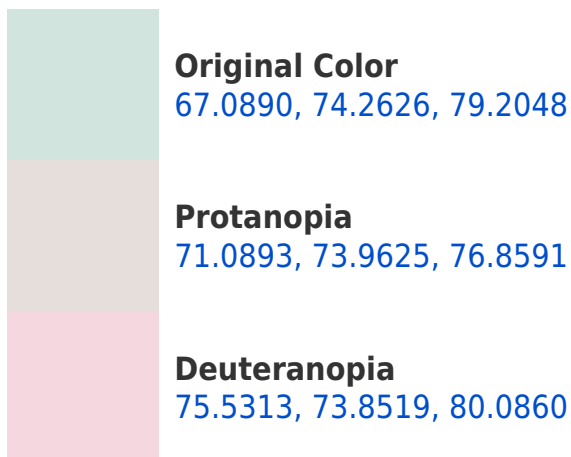


This preview shows how white text looks on a background with the XYZ color 67.0890, 74.2626, 79.2048.

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

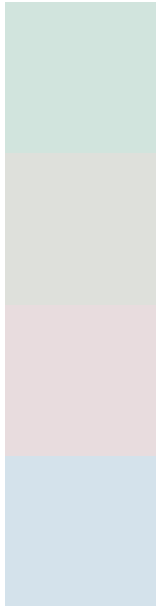




Tritanopia

70.5434, 74.4676, 95.4497

Trichromacy



Original Color

67.0890, 74.2626, 79.2048

Protanomaly

69.5660, 73.9554, 77.6261

Deuteranomaly

72.0567, 73.6161, 79.5188

Tritanomaly

69.3431, 74.3879, 89.3008

Monochromacy



Original Color

67.0890, 74.2626, 79.2048

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.4557, 73.3369, 79.6547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0890, 74.2626, 79.2048 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(209, 228, 221) looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 221)  
}
```

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(209, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.0890, 74.2626, 79.2048 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(209, 228, 221) }
```


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

```
.border{ border-color:rgb(209, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0890, 74.2626, 79.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 221) }
```

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

```
.background{ background-color: rgb(209,  
228, 221) }
```

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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