

Converting Colors

XYZ(67.2523, 77.2111, 72.2470)

Have a look what the booklet for
XYZ(67.2523, 77.2111, 72.2470)
contains.

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Color

**XYZ(67.0681, 76.9087,
72.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EAD2
RGB	208, 234, 210
RGB Percent	82%, 92%, 82%
CMY	0.1843, 0.0823, 0.1765
CMYK	0.11, 0.00, 0.10, 0.08
HSL	125°, 38%, 87%
HSV	125°, 11%, 92%
XYZ	67.0681, 76.9087, 72.2828
YIQ	223.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

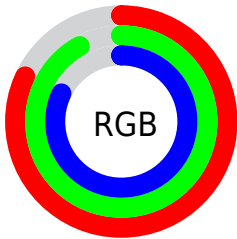
Format	Color
R _Y B	208, 232, 234
Decimal	13691602
CIE Lab	90.28, -12.96, 8.77
CIE LCh	90, 15.651, 145.918
Yxy	76.9087, 0.3101, 0.3556
Android (android.graphics.Color)	4291881682 (0xFFD0EAD2)
YUV	223.4900, -6.6506, -13.5847
Hunter-Lab	87.6976, -16.9602, 12.5199

Details

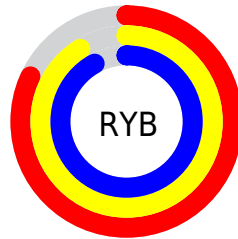
The XYZ color **67.0681, 76.9087, 72.2828** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0558, 68.4322, 85.8112**, and the grayscale version is **70.5394, 74.2129, 80.8179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0580, 41.0134, 37.5211** is the 20% darker color. If you saturate the color by 10%, you get **58.4562, 72.7615, 58.7676**, and if you desaturate by 10%, it is **77.0182, 81.7081, 87.7599**.

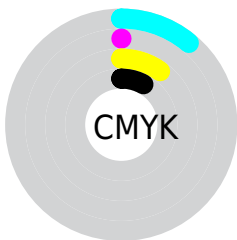
Distribution



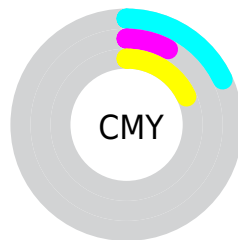
- Red (82%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (91%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0681, 76.9087, 72.2828 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 67.0681, 76.9087, 72.2828 by changing the saturation by 10% instead.

■ 67.0681, 76.9087,
72.2828

■ 67.0681, 76.9087,
72.2828

439.6158,
484.4527, 487.5293

■ 49.4109, 57.1779,
52.9015

114.0672,
129.0106, 124.1700

■ 35.1614, 41.1481,
37.3369

144.1399,
162.1505, 157.5129

■ 23.9543, 28.4348,
25.1706

179.0817,
200.5290, 196.3468

■ 15.4243, 18.6537,
15.9841

219.2580,
244.5303, 241.0901

■ 9.2060, 11.4203,
9.3586

265.0342,
294.5390, 292.1615

■ 4.9339, 6.3503,
4.8758

316.7757,

■ 2.2429, 3.0592,

350.9393, 349.9795

2.1171

374.8478,
414.1158, 414.9626

■ 0.7652, 1.1627,
0.6259

■ 0.0000, 0.0310,
0.0000

■ 67.0681, 76.9087,
72.2828

■ 67.0681, 76.9087,
72.2828

■ 58.4562, 72.7615,
58.7676

■ 77.0182, 81.7081,
87.7599

■ 51.1193, 69.2292,
47.1312

■ 88.3536, 87.1760,
105.2676

■ 44.9988, 66.2854,
37.2920

■ 88.7143, 87.3287,
106.7881

■ 40.0287, 63.8980,
29.1604

■ 36.1369, 62.0320,
22.6392

■ 33.2431, 60.6483,
17.6213

■ 31.2558, 59.7022,
13.9868

■ 30.0664, 59.1407,
11.5974

■ 29.5335, 58.8923,
10.3831

Harmonies

Analogous

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



69.8734, 76.9087, 65.8863



67.0681, 76.9087, 72.2828



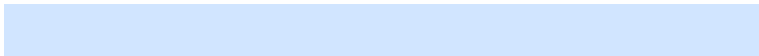
65.8781, 76.9087, 82.2223

Triad

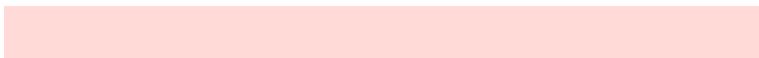
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0681, 76.9087, 72.2828



72.5674, 76.9087, 107.0181



80.0472, 76.9087, 74.7078

Complementary

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



67.0681, 76.9087, 72.2828



71.0558, 68.4322, 85.8112

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.



80.8301, 76.9087, 85.2772



67.0681, 76.9087, 72.2828



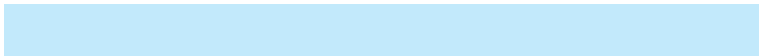
76.4232, 76.9087, 104.5598

Square

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



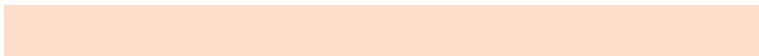
67.0681, 76.9087, 72.2828



68.9808, 76.9087, 102.7986



79.4819, 76.9087, 96.3492



77.3787, 76.9087, 67.1967

Rectangle

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



67.0681, 76.9087, 72.2828



66.1287, 76.9087, 89.7642



79.4819, 76.9087, 96.3492



80.5436, 76.9087, 77.9925

Sweetspot

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



67.0702, 76.9120, 72.2845



91.1751, 98.1313, 102.8927



74.1766, 80.6041, 71.3240



19.2991, 20.8999, 21.6877



0.0000, 0.0000, 0.0000



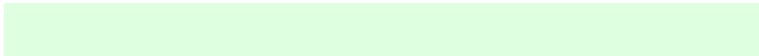
20.3446, 21.4041, 23.3091

Same Dimension

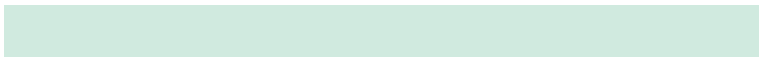
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0702, 76.9120, 72.2845



79.3472, 92.4295, 84.4646



68.7210, 77.5723, 80.9772



14.9153, 16.8810, 16.2371



16.6128, 33.0996, 5.9262



1.3209, 2.6057, 0.5516

Inverse Universe

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



71.0558, 68.4322, 85.8112



84.9635, 80.4797, 103.5257



69.3114, 67.7344, 76.6251



15.6619, 15.2926, 18.7708



26.0541, 12.6243, 37.6818



2.0608, 0.9973, 3.0375

Previews

White Background



This preview shows how the XYZ color 67.0681, 76.9087, 72.2828 looks on a white background.

Color Contrast Check

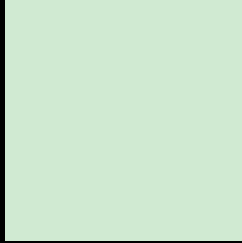
Large Text (above 18pt) WCAG AA × Fail

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 67.0681, 76.9087, 72.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

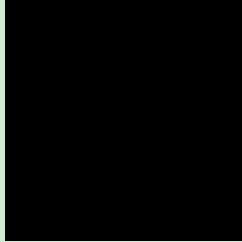
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

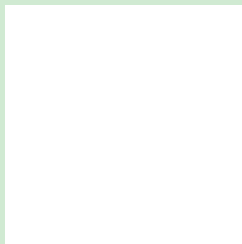
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0681, 76.9087, 72.2828

Background



This preview shows how black text looks on a background with the XYZ color 67.0681, 76.9087, 72.2828.

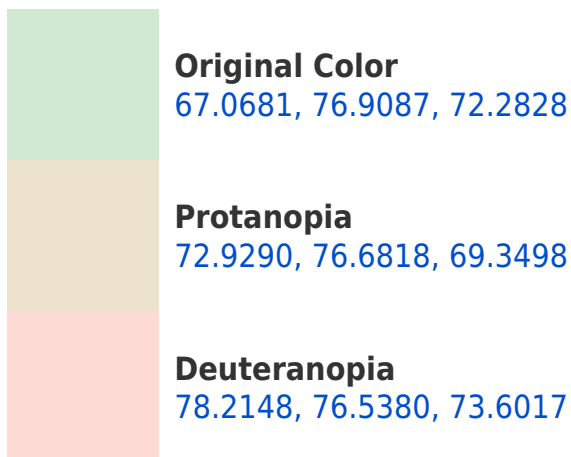


This preview shows how white text looks on a background with the XYZ color 67.0681, 76.9087,

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

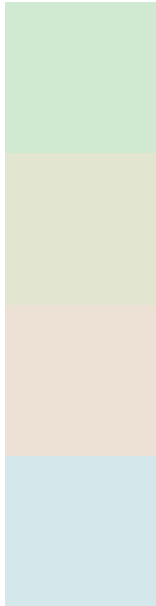




Tritanopia

72.5394, 77.0502, 99.0446

Trichromacy



Original Color

67.0681, 76.9087, 72.2828

Protanomaly

70.6458, 76.7124, 70.1150

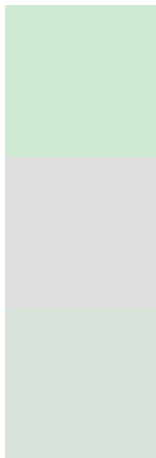
Deuteranomaly

73.4644, 76.0693, 73.0982

Tritanomaly

70.5786, 77.0894, 89.0018

Monochromacy



Original Color

67.0681, 76.9087, 72.2828

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.0374, 74.9056, 77.1492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0681, 76.9087, 72.2828 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(208, 234, 210) looks like.

```
.text, #text, p{  
    color:rgb(208, 234, 210)  
}
```

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(208, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 234, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.0681, 76.9087, 72.2828 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(208, 234, 210) }
```


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

```
.border{ border-color:rgb(208, 234, 210) }
```

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

Here you see how a box with a 4 pixel rgb(208, 234, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 234,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0681, 76.9087, 72.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 234, 210) }
```

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

```
.background{ background-color: rgb(208,  
234, 210) }
```

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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