

Converting Colors

XYZ(67.9144, 76.4705, 72.6978)

Have a look what the booklet for
XYZ(67.9144, 76.4705, 72.6978)
contains.

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Color

**XYZ(68.0551, 76.5625,
72.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E8D3
RGB	213, 232, 211
RGB Percent	84%, 91%, 83%
CMY	0.1647, 0.0902, 0.1725
CMYK	0.08, 0.00, 0.09, 0.09
HSL	114°, 31%, 87%
HSV	114°, 9%, 91%
XYZ	68.0551, 76.5625, 72.8192
YIQ	223.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

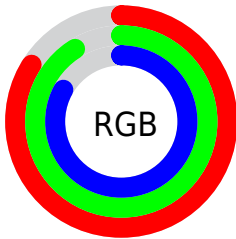
Format	Color
RYB	211, 232, 230
Decimal	14018771
CIELab	90.12, -10.10, 8.06
CIElCh	90, 12.925, 141.397
Yxy	76.5625, 0.3130, 0.3521
Android (android.graphics.Color)	4292208851 (0xFFD5E8D3)
YUV	223.9250, -6.3720, -9.5812
Hunter-Lab	87.5000, -14.2926, 11.9077

Details

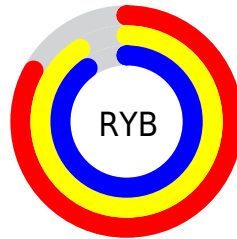
The XYZ color **68.0551, 76.5625, 72.8192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4958, 69.2398, 85.9969**, and the grayscale version is **70.8462, 74.5357, 81.1694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6266, 40.7201, 37.4345** is the 20% darker color. If you saturate the color by 10%, you get **59.6545, 72.5462, 58.3234**, and if you desaturate by 10%, it is **77.6679, 81.1596, 89.5662**.

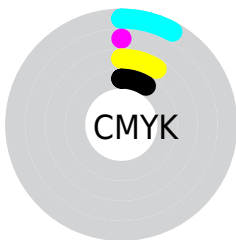
Distribution



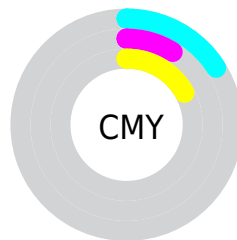
- Red (84%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0551, 76.5625, 72.8192 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 68.0551, 76.5625, 72.8192 by changing the saturation by 10% instead.

68.0551, 76.5625,
72.8192

68.0551, 76.5625,
72.8192

443.0649,
483.2711, 489.4419

50.2164, 56.8939,
53.3372

115.4724,
128.5217, 124.9390

35.8039, 40.9200,
37.6825

145.7818,
161.5811, 158.4140

24.4522, 28.2566,
25.4364

180.9787,
199.8729, 197.3903

15.7959, 18.5192,
16.1805

221.4286,
243.7814, 242.2866

9.4698, 11.3234,
9.4963

267.4969,
293.6911, 293.5214

5.1084, 6.2848,
4.9651

319.5487,

2.3464, 3.0190,

349.9863, 351.5131

2.1684

377.9496,
413.0515, 416.6805

■ 0.8183, 1.1417,
0.6560

■ 0.0000, 0.0133,
0.0000

■ 68.0551, 76.5625,
72.8192

■ 68.0551, 76.5625,
72.8192

■ 59.6545, 72.5462,
58.3234

■ 77.6679, 81.1596,
89.5662

■ 52.4119, 69.0783,
45.9781

■ 88.1425, 86.1933,
106.5991

■ 46.2783, 66.1378,
35.6825

■ 88.1481, 86.1962,
106.5994

■ 41.1986, 63.6988,
27.3255

■ 37.1133, 61.7333,
20.7859

■ 33.9566, 60.2102,
15.9285

■ 31.6549, 59.0949,
12.5995

■ 30.1231, 58.3475,
10.6169

■ 29.2487, 57.9161,
9.7005

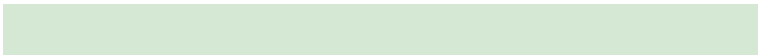
Harmonies

Analogous

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



70.5429, 76.5625, 67.9721



68.0551, 76.5625, 72.8192



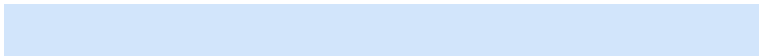
66.8397, 76.5625, 80.7485

Triad

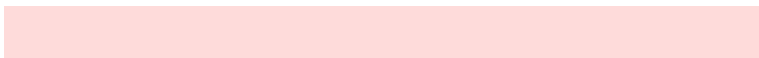
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0551, 76.5625, 72.8192



71.8514, 76.5625, 102.0807



78.6665, 76.5625, 77.0827

Complementary

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



68.0551, 76.5625, 72.8192



70.4958, 69.2398, 85.9969

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.



79.0419, 76.5625, 86.0344



68.0551, 76.5625, 72.8192



75.0442, 76.5625, 100.9189

Square

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



68.0551, 76.5625, 72.8192



68.9889, 76.5625, 97.9466



77.6985, 76.5625, 94.8796



76.6876, 76.5625, 70.3050

Rectangle

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



68.0551, 76.5625, 72.8192



66.8890, 76.5625, 86.9036



77.6985, 76.5625, 94.8796



78.9867, 76.5625, 79.9209

Sweetspot

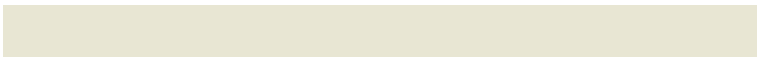
The Sweet Spot groups the original color and five complimentary colors.



68.0572, 76.5658, 72.8209



91.3418, 98.2278, 102.4248



73.3089, 78.4006, 72.8982



19.3438, 20.9258, 21.5621



0.0000, 0.0000, 0.0000



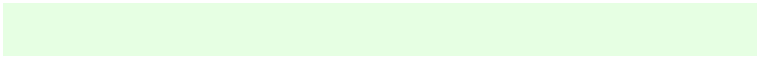
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0572, 76.5658, 72.8209



82.1297, 93.8236, 86.4179



68.5619, 76.7011, 78.4876



14.3160, 16.1544, 15.2680



16.2511, 32.1593, 5.3508



1.2446, 2.3990, 0.3975

Inverse Universe

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



70.4958, 69.2398, 85.9969



85.7697, 82.8878, 106.0861



69.9760, 69.1065, 79.8904



14.8527, 14.5418, 18.1684



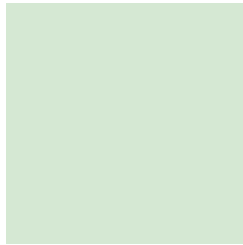
22.8861, 10.8641, 43.2739



1.7308, 0.8232, 3.1996

Previews

White Background



This preview shows how the XYZ color 68.0551, 76.5625, 72.8192 looks on a white background.

Color Contrast Check

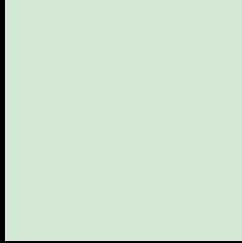
Large Text (above 18pt) WCAG AA × Fail

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 68.0551, 76.5625, 72.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

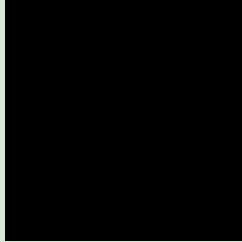
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

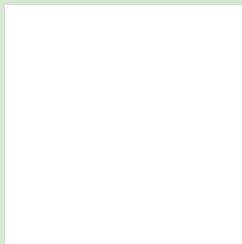
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0551, 76.5625, 72.8192

Background



This preview shows how black text looks on a background with the XYZ color 68.0551, 76.5625, 72.8192.



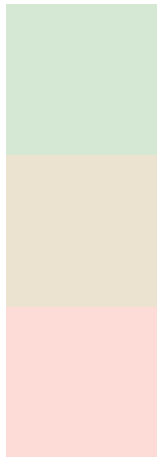
This preview shows how white text looks on a background with the XYZ color 68.0551, 76.5625,

72.8192.

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

68.0551, 76.5625, 72.8192

Protanopia

72.8425, 76.6089, 70.6223

Deuteranopia

77.9771, 76.4007, 74.2553



Tritanopia

72.8640, 76.4362, 97.2995

Trichromacy



Original Color

68.0551, 76.5625, 72.8192

Protanomaly

70.9306, 76.4211, 71.3339

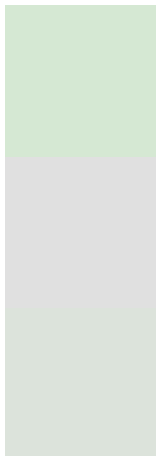
Deuteranomaly

73.9258, 76.2925, 73.7804

Tritanomaly

71.0462, 76.5207, 88.1162

Monochromacy



Original Color

68.0551, 76.5625, 72.8192

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.7705, 75.2683, 77.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0551, 76.5625, 72.8192 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(213, 232, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 211)  
}
```

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(213, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.0551, 76.5625, 72.8192 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(213, 232, 211) }
```


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

```
.border{ border-color:rgb(213, 232, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 232, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0551, 76.5625, 72.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 211) }
```

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

```
.background{ background-color: rgb(213,  
232, 211) }
```

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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