

Converting Colors

XYZ(66.7871, 75.5066, 72.0269)

Have a look what the booklet for
XYZ(66.7871, 75.5066, 72.0269)
contains.

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Color

**XYZ(66.7871, 75.5066,
72.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E7D2
RGB	210, 231, 210
RGB Percent	82%, 91%, 82%
CMY	0.1765, 0.0941, 0.1765
CMYK	0.09, 0.00, 0.09, 0.09
HSL	120°, 30%, 86%
HSV	120°, 9%, 91%
XYZ	66.7871, 75.5066, 72.0269
YIQ	222.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

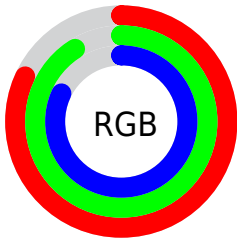
Format	Color
RYB	210, 231, 231
Decimal	13821906
CIELab	89.63, -10.78, 7.86
CIELCh	90, 13.342, 143.927
Yxy	75.5066, 0.3116, 0.3523
Android (android.graphics.Color)	4292011986 (0xFFD2E7D2)
YUV	222.3270, -6.0772, -10.8108
Hunter-Lab	86.8945, -14.8704, 11.6807

Details

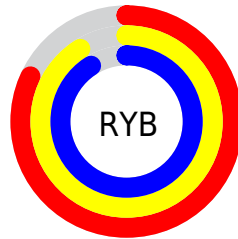
The XYZ color **66.7871, 75.5066, 72.0269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4281, 68.8535, 85.1830**, and the grayscale version is **69.7086, 73.3388, 79.8660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8483, 40.0288, 37.3421** is the 20% darker color. If you saturate the color by 10%, you get **58.0057, 71.2907, 57.6617**, and if you desaturate by 10%, it is **76.9375, 80.3846, 88.6278**.

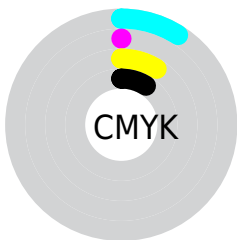
Distribution



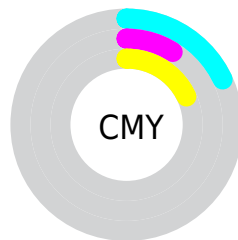
- Red (82%)
- Green (91%)
- Blue (82%)



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



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



- Cyan (18%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7871, 75.5066, 72.0269 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 66.7871, 75.5066, 72.0269 by changing the saturation by 10% instead.

66.7871, 75.5066,
72.0269

66.7871, 75.5066,
72.0269

438.6310,
479.6570, 486.6153

49.1817, 56.0280,
52.6937

113.6668,
127.0292, 123.8029

34.9788, 40.2254,
37.1722

143.6718,
159.8420, 157.0827

23.8130, 27.7143,
25.0440

178.5406,
197.8684, 195.8484

15.3189, 18.1104,
15.8906

218.6388,
241.4927, 240.5187

9.1313, 11.0293,
9.2932

264.3315,
291.0993, 291.5119

4.8847, 6.0865,
4.8335

315.9842,

2.2138, 2.8978,

347.0726, 349.2468

2.0929

373.9623,
409.7971, 414.1417

■ 0.7500, 1.0786,
0.6115

■ 0.0000, 0.0000,
0.0000

■ 66.7871, 75.5066,
72.0269

■ 66.7871, 75.5066,
72.0269

■ 58.0057, 71.2907,
57.6617

■ 76.9375, 80.3846,
88.6278

■ 50.5289, 67.6992,
45.4320

■ 87.8674, 85.6348,
106.5058

■ 44.2964, 64.7054,
35.2376

■ 39.2406, 62.2769,
26.9679

■ 35.2877, 60.3781,
20.5021

■ 32.3555, 58.9696,
15.7058

■ 30.3501, 58.0063,
12.4256

■ 29.1608, 57.4350,
10.4802

■ 28.6151, 57.1729,
9.5876

Harmonies

Analogous

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



69.2382, 75.5066, 66.7790



66.7871, 75.5066, 72.0269



65.6740, 75.5066, 80.3170

Triad

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



66.7871, 75.5066, 72.0269



71.1013, 75.5066, 101.5221



77.6896, 75.5066, 75.1012

Complementary

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



66.7871, 75.5066, 72.0269



70.4281, 68.8535, 85.1830

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.



78.2251, 75.5066, 84.1403



66.7871, 75.5066, 72.0269



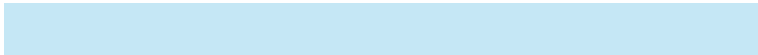
74.3561, 75.5066, 99.8607

Square

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



66.7871, 75.5066, 72.0269



68.1156, 75.5066, 97.7003



76.9880, 75.5066, 93.3187



75.5462, 75.5066, 68.4570

Rectangle

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



66.7871, 75.5066, 72.0269



65.8156, 75.5066, 86.6399



76.9880, 75.5066, 93.3187



78.0663, 75.5066, 77.9412

Sweetspot

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



66.7892, 75.5098, 72.0286



91.0839, 98.0949, 102.4128



73.1671, 78.7978, 72.3268



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



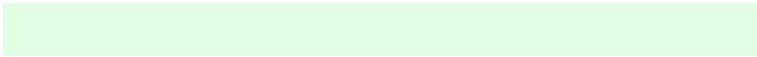
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7892, 75.5098, 72.0286



81.2811, 93.3861, 86.3785



68.1412, 76.0506, 79.1480



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



70.4281, 68.8535, 85.1830



86.7453, 83.3908, 106.1315



68.9887, 68.2777, 77.6030



14.9952, 14.6153, 18.1750



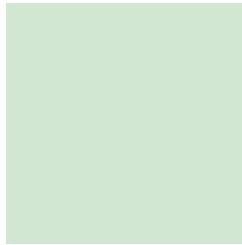
26.5610, 12.7586, 43.4445



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 66.7871, 75.5066, 72.0269 looks on a white background.

Color Contrast Check

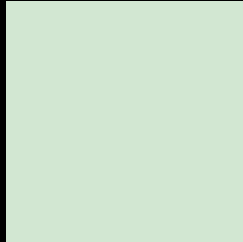
Large Text (above 18pt) WCAG AA × Fail

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 66.7871, 75.5066, 72.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

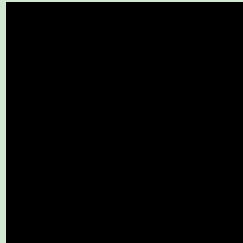
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

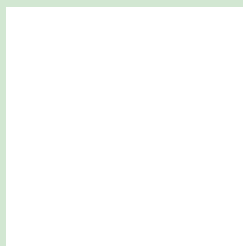
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7871, 75.5066, 72.0269

Background



This preview shows how black text looks on a background with the XYZ color 66.7871, 75.5066, 72.0269.

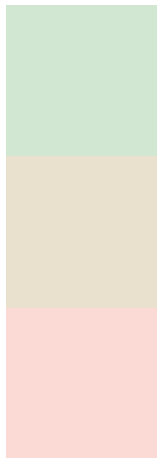


This preview shows how white text looks on a background with the XYZ color 66.7871, 75.5066,

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

66.7871, 75.5066, 72.0269

Protanopia

71.4005, 75.0912, 69.1234

Deuteranopia

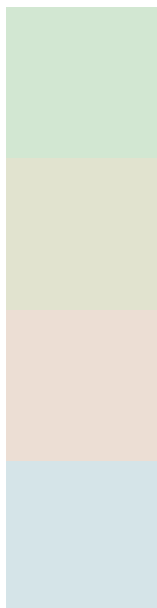
76.6068, 74.9390, 73.3779



Tritanopia

71.5498, 75.3714, 96.3650

Trichromacy



Original Color

66.7871, 75.5066, 72.0269

Protanomaly

69.7829, 75.4507, 69.9170

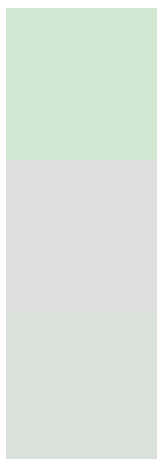
Deuteranomaly

72.5970, 74.8289, 72.9045

Tritanomaly

69.7495, 75.4591, 87.2328

Monochromacy



Original Color

66.7871, 75.5066, 72.0269

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.4935, 73.8178, 76.9679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7871, 75.5066, 72.0269 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(210, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 231, 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(210, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 231, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.7871, 75.5066, 72.0269 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(210, 231, 210) }
```


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

```
.border{ border-color:rgb(210, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 231,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7871, 75.5066, 72.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 231, 210) }
```

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

```
.background{ background-color: rgb(210,  
231, 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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