

Converting Colors

XYZ(67.4527, 76.7648, 72.6339)

Have a look what the booklet for
XYZ(67.4527, 76.7648, 72.6339)
contains.

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Color

**XYZ(67.4751, 76.6826,
72.8729)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E9D3
RGB	210, 233, 211
RGB Percent	82%, 91%, 83%
CMY	0.1765, 0.0863, 0.1725
CMYK	0.10, 0.00, 0.09, 0.09
HSL	123°, 34%, 87%
HSV	123°, 10%, 91%
XYZ	67.4751, 76.6826, 72.8729
YIQ	223.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

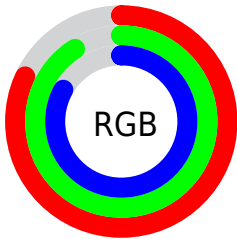
Format	Color
R _Y B	210, 232, 233
Decimal	13822419
CIE Lab	90.18, -11.61, 8.12
CIE LCh	90, 14.170, 145.051
Yxy	76.6826, 0.3109, 0.3533
Android (android.graphics.Color)	4292012499 (0xFFD2E9D3)
YUV	223.6150, -6.2192, -11.9404
Hunter-Lab	87.5686, -15.7037, 11.9580

Details

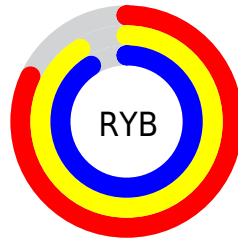
The XYZ color **67.4751, 76.6826, 72.8729** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2191, 69.2448, 85.9595**, and the grayscale version is **70.6249, 74.3029, 80.9159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2405, 40.8131, 37.4728** is the 20% darker color. If you saturate the color by 10%, you get **58.7151, 72.4696, 58.8752**, and if you desaturate by 10%, it is **77.5926, 81.5550, 88.9595**.

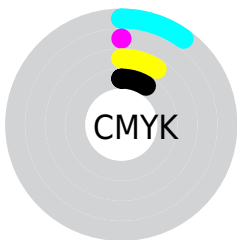
Distribution



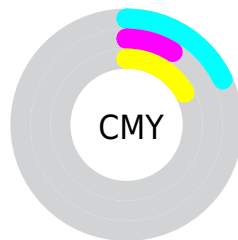
- Red (82%)
- Green (91%)
- Blue (83%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4751, 76.6826, 72.8729 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 67.4751, 76.6826, 72.8729 by changing the saturation by 10% instead.

67.4751, 76.6826,
72.8729

67.4751, 76.6826,
72.8729

441.0400,
483.6812, 489.6331

49.7429, 56.9924,
53.3809

114.6470,
128.6913, 125.0160

35.4261, 40.9991,
37.7171

144.8174,
161.7787, 158.5041

24.1594, 28.3184,
25.4631

179.8646,
200.1005, 197.4947

15.5773, 18.5658,
16.2002

220.1539,
244.0413, 242.4063

9.3145, 11.3570,
9.5101

266.0508,
293.9853, 293.6574

5.0056, 6.3075,
4.9740

317.9205,

2.2853, 3.0329,

350.3171, 351.6665

2.1736

376.1285,
413.4209, 416.8523

■ 0.7871, 1.1490,
0.6590

■ 0.0000, 0.0194,
0.0000

■ 67.4751, 76.6826,
72.8729

■ 67.4751, 76.6826,
72.8729

■ 58.7151, 72.4696,
58.8752

■ 77.5926, 81.5550,
88.9595

■ 51.2490, 68.8785,
46.8760

■ 88.4304, 86.7608,
106.6935

■ 45.0172, 65.8828,
36.7857

■ 39.9533, 63.4503,
28.5060

■ 35.9845, 61.5458,
21.9296

■ 33.0299, 60.1300,
16.9382

■ 30.9974, 59.1585,
13.3983

■ 29.7780, 58.5782,
11.1545

■ 29.2012, 58.3056,
10.0142

Harmonies

Analogous

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



70.0554, 76.6826, 67.1326



67.4751, 76.6826, 72.8729



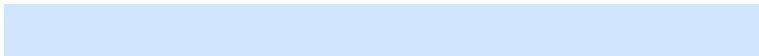
66.3458, 76.6826, 81.8329

Triad

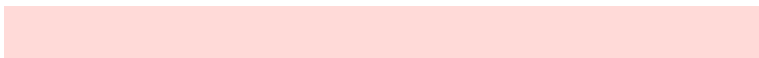
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4751, 76.6826, 72.8729



72.3021, 76.6826, 104.3384



79.1912, 76.6826, 75.5508

Complementary

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



67.4751, 76.6826, 72.8729



71.2191, 69.2448, 85.9595

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.



79.8394, 76.6826, 85.1781



67.4751, 76.6826, 72.8729



75.7888, 76.6826, 102.3194

Square

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



67.4751, 76.6826, 72.8729



69.0748, 76.6826, 100.4160



78.5756, 76.6826, 95.1007



76.8318, 76.6826, 68.5892

Rectangle

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



67.4751, 76.6826, 72.8729



66.5404, 76.6826, 88.6310



78.5756, 76.6826, 95.1007



79.6196, 76.6826, 78.5600

Sweetspot

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



67.4772, 76.6859, 72.8746



91.1354, 98.1155, 102.6839



74.1296, 80.1298, 72.5332



19.2884, 20.8957, 21.6317



0.0000, 0.0000, 0.0000



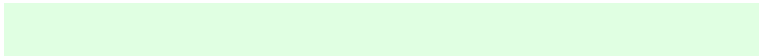
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4772, 76.6859, 72.8746



80.3151, 92.9075, 85.4578



68.9402, 77.2711, 80.5785



14.8949, 16.8728, 16.1293



16.5772, 33.0853, 5.7385



1.3111, 2.6017, 0.5000

Inverse Universe

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



71.2191, 69.2448, 85.9595



85.8397, 81.9212, 104.7766



69.6690, 68.6248, 77.7966



15.6849, 15.3018, 18.8918



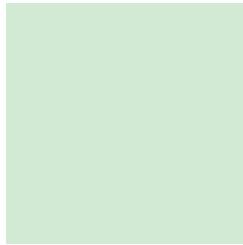
26.6277, 12.8538, 40.7023



2.0997, 1.0128, 3.2424

Previews

White Background



This preview shows how the XYZ color 67.4751, 76.6826, 72.8729 looks on a white background.

Color Contrast Check

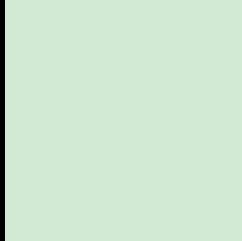
Large Text (above 18pt) WCAG AA × Fail

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 67.4751, 76.6826, 72.8729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

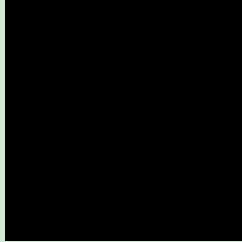
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

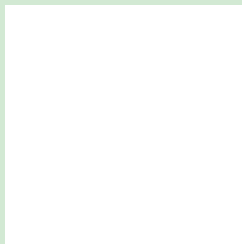
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4751, 76.6826, 72.8729

Background



This preview shows how black text looks on a background with the XYZ color 67.4751, 76.6826, 72.8729.

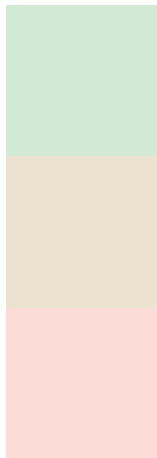


This preview shows how white text looks on a background with the XYZ color 67.4751, 76.6826,

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

67.4751, 76.6826, 72.8729

Protanopia

72.7198, 76.5599, 69.9763

Deuteranopia

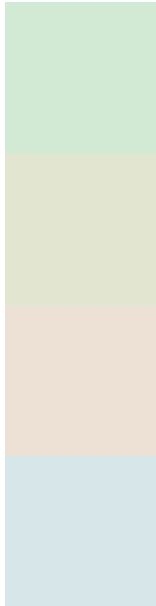
77.9771, 76.4007, 74.2553



Tritanopia

72.6969, 76.7396, 98.1695

Trichromacy



Original Color

67.4751, 76.6826, 72.8729

Protanomaly

70.7685, 76.7614, 70.7610

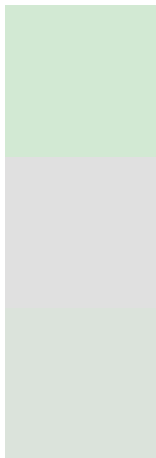
Deuteranomaly

73.5909, 76.1199, 73.7647

Tritanomaly

70.7364, 76.7730, 88.1813

Monochromacy



Original Color

67.4751, 76.6826, 72.8729

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.4687, 75.1127, 77.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4751, 76.6826, 72.8729 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, 233, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 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(210, 233, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.4751, 76.6826, 72.8729 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, 233, 211) }
```


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

```
.border{ border-color:rgb(210, 233, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4751, 76.6826, 72.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 211) }
```

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

```
.background{ background-color: rgb(210,  
233, 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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