

Converting Colors

XYZ(70.6263, 82.1572, 75.0863)

Have a look what the booklet for
XYZ(70.6263, 82.1572, 75.0863)
contains.

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Color

**XYZ(70.6263, 82.1572,
75.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F2D5
RGB	211, 242, 213
RGB Percent	83%, 95%, 84%
CMY	0.1725, 0.0510, 0.1647
CMYK	0.13, 0.00, 0.12, 0.05
HSL	124°, 54%, 89%
HSV	124°, 13%, 95%
XYZ	70.6263, 82.1572, 75.0863
YIQ	229.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

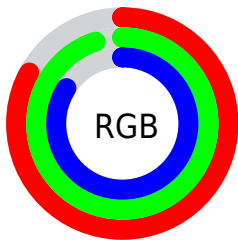
Format	Color
R _Y B	211, 240, 242
Decimal	13890261
CIE Lab	92.64, -15.42, 10.62
CIE LCh	93, 18.722, 145.440
Yxy	82.1572, 0.3099, 0.3605
Android (android.graphics.Color)	4292080341 (0xFFD3F2D5)
YUV	229.4250, -8.0975, -16.1587
Hunter-Lab	90.6406, -19.5356, 14.3328

Details

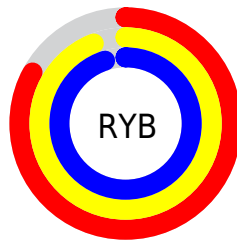
The XYZ color **70.6263, 82.1572, 75.0863** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.6433, 71.7590, 92.3059**, and the grayscale version is **74.8537, 78.7519, 85.7608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4408, 44.6544, 38.9936** is the 20% darker color. If you saturate the color by 10%, you get **61.5325, 77.7807, 60.6935**, and if you desaturate by 10%, it is **81.1695, 87.2393, 91.6444**.

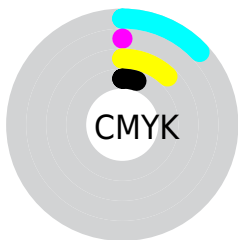
Distribution



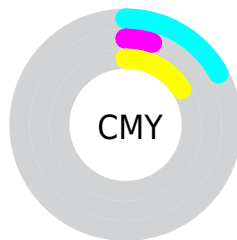
- Red (83%)
- Green (95%)
- Blue (84%)



- Red (83%)
- Yellow (94%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6263, 82.1572, 75.0863 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 70.6263, 82.1572, 75.0863 by changing the saturation by 10% instead.

70.6263, 82.1572,
75.0863

70.6263, 82.1572,
75.0863

451.9782,
502.1734, 497.4775

52.3187, 61.4951,
55.1814

119.1229,
136.3944, 128.1827

37.4845, 44.6249,
39.1474

150.0426,
170.7384, 162.2114

25.7582, 31.1621,
26.5657

185.8971,
210.4117, 201.7851

16.7746, 20.7223,
17.0178

227.0516,
255.7989, 247.3223

10.1682, 12.9211,
10.0851

273.8717,
307.2842, 299.2416

5.5737, 7.3743,
5.3491

326.7226,

2.6258, 3.6973,

365.2521, 357.9615

2.3912

385.9696,
430.0871, 423.9006

■ 0.9591, 1.5057,
0.7816

■ 0.0000, 0.2927,
0.0000

■ 70.6263, 82.1572,
75.0863

■ 70.6263, 82.1572,
75.0863

■ 61.5325, 77.7807,
60.6935

■ 81.1695, 87.2393,
91.6444

■ 53.8184, 74.0687,
48.3712

■ 91.0437, 91.9874,
107.5646

■ 47.4186, 70.9918,
38.0259

■ 42.2596, 68.5144,
29.5548

■ 38.2609, 66.5974,
22.8456

■ 35.3324, 65.1969,
17.7743

■ 33.3705, 64.2626,
14.2006

■ 32.2513, 63.7340,
11.9607

■ 31.8444, 63.5437,
11.0621

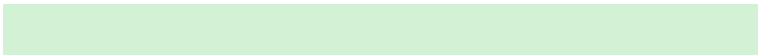
Harmonies

Analogous

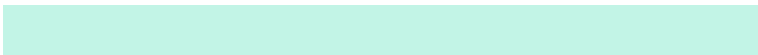
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1335, 82.1572, 67.3543



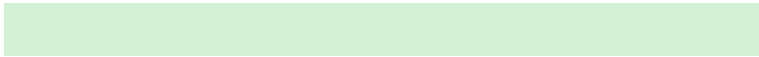
70.6263, 82.1572, 75.0863



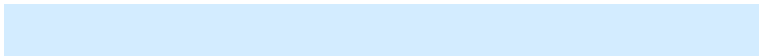
69.1192, 82.1572, 87.3398

Triad

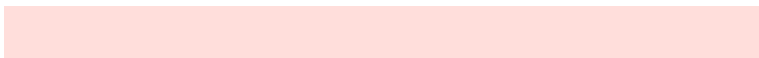
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6263, 82.1572, 75.0863



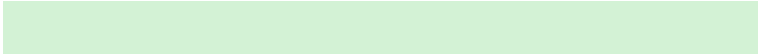
77.3458, 82.1572, 118.9447



86.8543, 82.1572, 78.4209

Complementary

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



70.6263, 82.1572, 75.0863



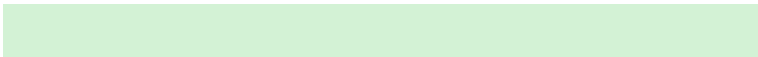
75.6433, 71.7590, 92.3059

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.



87.8008, 82.1572, 91.6046



70.6263, 82.1572, 75.0863



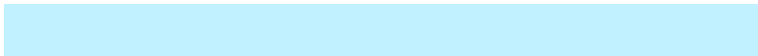
82.1806, 82.1572, 115.9283

Square

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



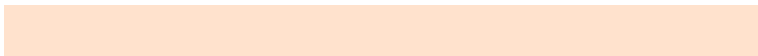
70.6263, 82.1572, 75.0863



72.8948, 82.1572, 113.4121



86.0575, 82.1572, 105.5494



83.5221, 82.1572, 69.1346

Rectangle

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



70.6263, 82.1572, 75.0863



69.4039, 82.1572, 96.7878



86.0575, 82.1572, 105.5494



87.4678, 82.1572, 82.5027

Sweetspot

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



70.6285, 82.1607, 75.0881



89.8979, 97.5171, 100.8379



79.6016, 86.8157, 74.1906



19.0410, 20.7759, 21.2687



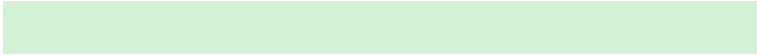
0.0000, 0.0000, 0.0000



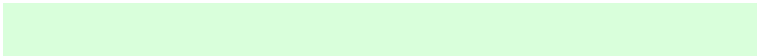
20.3446, 21.4041, 23.3091

Same Dimension

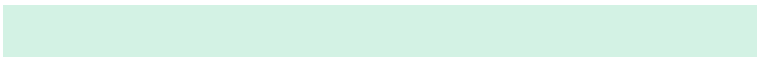
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6285, 82.1607, 75.0881



77.1159, 91.3594, 80.7381



72.6291, 82.9609, 85.6229



15.6073, 17.6729, 16.9548



17.1229, 34.1412, 6.0304



1.4389, 2.8460, 0.5774

Inverse Universe

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



75.6433, 71.7590, 92.3059



83.6436, 77.8190, 103.1501



73.4986, 70.9011, 81.0121



16.4077, 16.0128, 19.7029



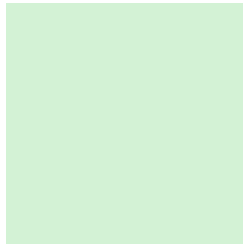
27.0942, 13.1101, 40.0082



2.2672, 1.0959, 3.3979

Previews

White Background



This preview shows how the XYZ color 70.6263, 82.1572, 75.0863 looks on a white background.

Color Contrast Check

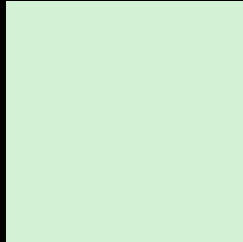
Large Text (above 18pt) WCAG AA × Fail

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 70.6263, 82.1572, 75.0863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

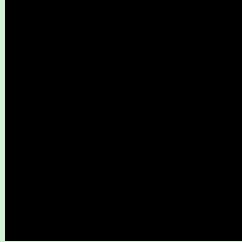
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

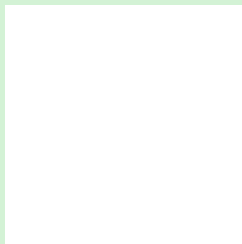
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6263, 82.1572, 75.0863

Background



This preview shows how black text looks on a background with the XYZ color 70.6263, 82.1572, 75.0863.



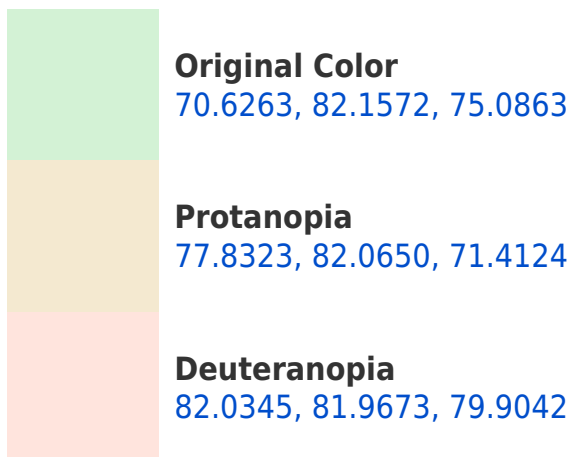
This preview shows how white text looks on a background with the XYZ color 70.6263, 82.1572,

75.0863.

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

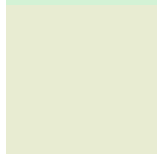
76.9589, 82.1163, 106.4016

Trichromacy



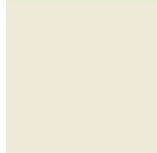
Original Color

70.6263, 82.1572, 75.0863



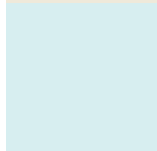
Protanomaly

74.9070, 81.7999, 72.8137



Deuteranomaly

77.3904, 81.6905, 78.0186



Tritanomaly

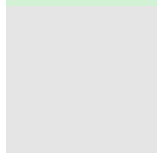
74.3270, 81.8874, 94.3265

Monochromacy



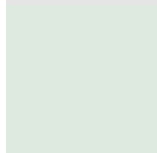
Original Color

70.6263, 82.1572, 75.0863



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

72.8663, 79.7029, 81.3558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6263, 82.1572, 75.0863 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(211, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 213)  
}
```

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(211, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 70.6263, 82.1572, 75.0863 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(211, 242, 213) }
```


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

```
.border{ border-color:rgb(211, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6263, 82.1572, 75.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 213) }
```

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

```
.background{ background-color: rgb(211,  
242, 213) }
```

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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