

Converting Colors

XYZ(70.7553, 79.4648, 81.4211)

Have a look what the booklet for
XYZ(70.7553, 79.4648, 81.4211)
contains.

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Color

**XYZ(70.7553, 79.4648,
81.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ECDF
RGB	213, 236, 223
RGB Percent	84%, 93%, 87%
CMY	0.1647, 0.0745, 0.1255
CMYK	0.10, 0.00, 0.06, 0.07
HSL	146°, 38%, 88%
HSV	146°, 10%, 93%
XYZ	70.7553, 79.4648, 81.4211
YIQ	227.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

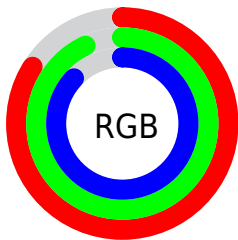
Format	Color
R _Y B	213, 229, 236
Decimal	14019807
CIE Lab	91.44, -9.97, 3.72
CIE LCh	91, 10.640, 159.561
Yxy	79.4648, 0.3055, 0.3431
Android (android.graphics.Color)	4292209887 (0xFFD5ECDF)
YUV	227.6410, -2.2880, -12.8402
Hunter-Lab	89.1430, -14.3199, 8.2461

Details

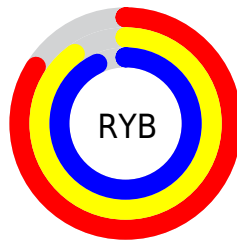
The XYZ color **70.7553, 79.4648, 81.4211** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1167, 70.9143, 81.8421**, and the grayscale version is **73.5036, 77.3315, 84.2140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4897, 42.7388, 43.3193** is the 20% darker color. If you saturate the color by 10%, you get **62.6735, 75.5004, 72.0213**, and if you desaturate by 10%, it is **79.9795, 84.0062, 91.6176**.

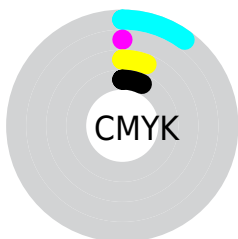
Distribution



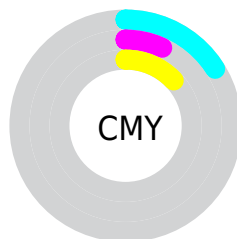
- Red (84%)
- Green (93%)
- Blue (87%)



- Red (84%)
- Yellow (90%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7553, 79.4648, 81.4211 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 70.7553, 79.4648, 81.4211 by changing the saturation by 10% instead.

70.7553, 79.4648,
81.4211

70.7553, 79.4648,
81.4211

452.4227,
493.1273, 519.5418

52.4243, 59.2780,
60.3554

119.3056,
132.6130, 137.1913

37.5691, 42.8370,
43.2780

150.2557,
166.3432, 172.7329

25.8241, 29.7572,
29.7703

186.1429,
205.3568, 213.9369

16.8241, 19.6544,
19.4137

227.3326,
250.0379, 261.2218

10.2037, 12.1441,
11.7898

274.1900,
300.7712, 315.0062

5.5975, 6.8419,
6.4799

327.0806,

2.6402, 3.3634,

357.9409, 375.7087

3.0656

386.3697,
421.9315, 443.7477

■ 0.9665, 1.3243,
1.1282

■ 0.0000, 0.1599,
0.0000

■ 70.7553, 79.4648,
81.4211

■ 70.7553, 79.4648,
81.4211

■ 62.6735, 75.5004,
72.0213

■ 79.9795, 84.0062,
91.6176

■ 55.6814, 72.0796,
63.3937

■ 88.4427, 88.1363,
102.5331

■ 49.7317, 69.1805,
55.5204

■ 89.2870, 88.4740,
106.9790

■ 44.7714, 66.7763,
48.3804

■ 40.7422, 64.8372,
41.9521

■ 37.5795, 63.3306,
36.2127

■ 35.2099, 62.2189,
31.1377

■ 33.5468, 61.4580,
26.7013

■ 32.4493, 60.9758,
22.8738

Harmonies

Analogous

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



72.2618, 79.4648, 75.5314



70.7553, 79.4648, 81.4211



70.5110, 79.4648, 89.0235

Triad

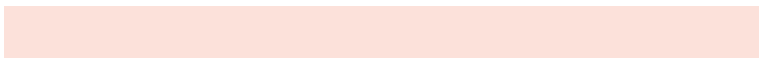
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7553, 79.4648, 81.4211



76.3968, 79.4648, 102.0734



79.6137, 79.4648, 77.3717

Complementary

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



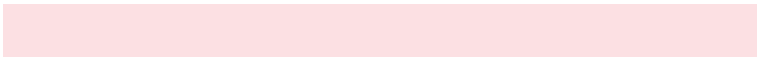
70.7553, 79.4648, 81.4211



72.1167, 70.9143, 81.8421

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.



80.7794, 79.4648, 84.0711



70.7553, 79.4648, 81.4211



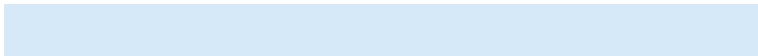
78.8931, 79.4648, 98.5338

Square

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



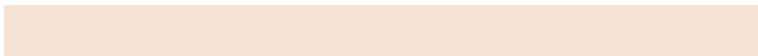
70.7553, 79.4648, 81.4211



73.7256, 79.4648, 101.2588



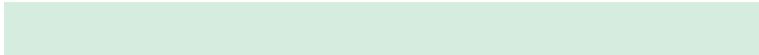
80.5125, 79.4648, 91.8351



77.3614, 79.4648, 73.2922

Rectangle

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



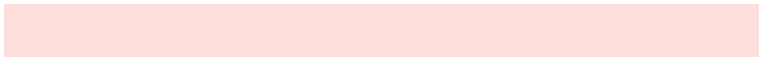
70.7553, 79.4648, 81.4211



71.0908, 79.4648, 94.0890



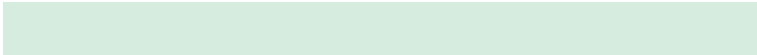
80.5125, 79.4648, 91.8351



80.1480, 79.4648, 79.3751

Sweetspot

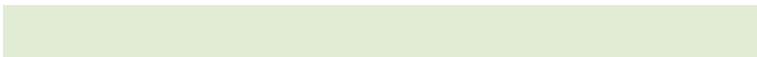
The Sweet Spot groups the original color and five complimentary colors.



70.7575, 79.4682, 81.4229



91.6028, 98.3024, 105.1452



73.3831, 80.9729, 74.7134



19.4142, 20.9460, 22.2938



0.0000, 0.0000, 0.0000



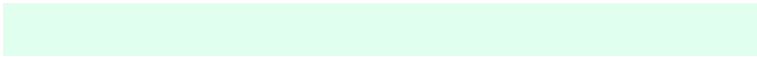
20.3446, 21.4041, 23.3091

Same Dimension

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



70.7575, 79.4682, 81.4229



82.0135, 93.5869, 94.4014



72.3572, 80.1080, 89.8465



15.1402, 16.9709, 17.4214



17.9347, 33.6283, 12.8869



1.4558, 2.6596, 1.2620

Inverse Universe

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



72.1167, 70.9143, 81.8421



83.9849, 81.1792, 95.0091



70.5946, 70.3055, 73.8268



15.4221, 15.1967, 17.5083



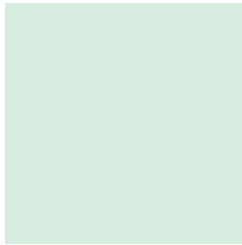
21.4831, 10.7959, 13.6115



1.7351, 0.8670, 1.3224

Previews

White Background



This preview shows how the XYZ color 70.7553, 79.4648, 81.4211 looks on a white background.

Color Contrast Check

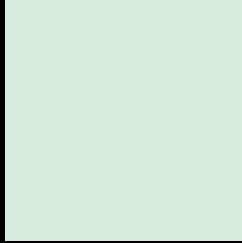
Large Text (above 18pt) WCAG AA × Fail

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 70.7553, 79.4648, 81.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

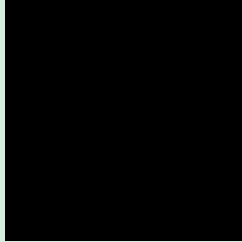
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

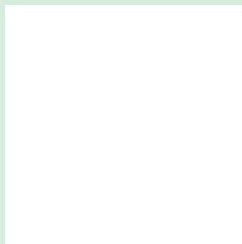
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7553, 79.4648, 81.4211

Background



This preview shows how black text looks on a background with the XYZ color 70.7553, 79.4648, 81.4211.



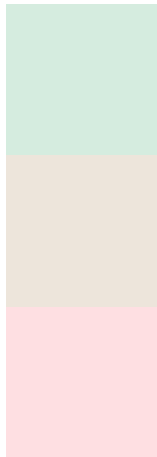
This preview shows how white text looks on a background with the XYZ color 70.7553, 79.4648,

81.4211.

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

70.7553, 79.4648, 81.4211

Protanopia

75.7305, 79.1576, 78.3054

Deuteranopia

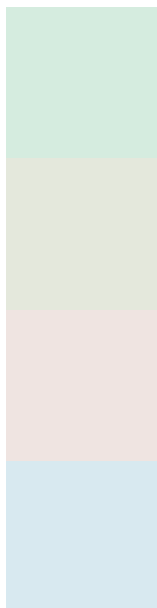
80.9882, 79.3372, 82.9966



Tritanopia

75.0254, 79.5208, 101.8373

Trichromacy



Original Color

70.7553, 79.4648, 81.4211

Protanomaly

73.7698, 79.3745, 79.1429

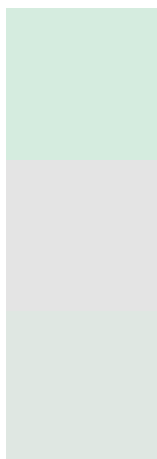
Deuteranomaly

76.9306, 79.2738, 82.4809

Tritanomaly

73.1860, 79.1680, 93.8617

Monochromacy



Original Color

70.7553, 79.4648, 81.4211

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7348, 78.3308, 83.2373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7553, 79.4648, 81.4211 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, 236, 223)` looks like.

```
.text, #text, p{  
    color:rgb(213, 236, 223)  
}
```

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, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 236, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.7553, 79.4648, 81.4211 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, 236, 223) }
```


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

```
.border{ border-color:rgb(213, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 236,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7553, 79.4648, 81.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 236, 223) }
```

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

```
.background{ background-color: rgb(213,  
236, 223) }
```

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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