

Converting Colors

XYZ(69.8383, 78.6722, 82.7371)

Have a look what the booklet for
XYZ(69.8383, 78.6722, 82.7371)
contains.

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Color

**XYZ(69.8773, 78.5545,
82.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EBE1
RGB	210, 235, 225
RGB Percent	82%, 92%, 88%
CMY	0.1765, 0.0784, 0.1176
CMYK	0.11, 0.00, 0.04, 0.08
HSL	156°, 38%, 87%
HSV	156°, 11%, 92%
XYZ	69.8773, 78.5545, 82.7138
YIQ	226.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

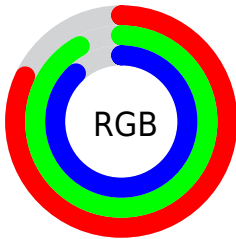
Format	Color
R _Y B	210, 226, 235
Decimal	13822945
CIE Lab	91.03, -10.08, 2.05
CIE LCh	91, 10.283, 168.502
Yxy	78.5545, 0.3023, 0.3398
Android (android.graphics.Color)	4292013025 (0xFFD2EBE1)
YUV	226.3850, -0.6828, -14.3696
Hunter-Lab	88.6310, -14.3735, 6.7100

Details

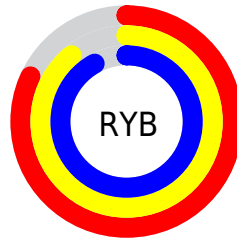
The XYZ color **69.8773, 78.5545, 82.7138** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2287, 68.9248, 77.3162**, and the grayscale version is **72.5800, 76.3598, 83.1559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8934, 42.1110, 44.2140** is the 20% darker color. If you saturate the color by 10%, you get **62.4245, 74.8588, 75.8537**, and if you desaturate by 10%, it is **78.3877, 82.7916, 89.9954**.

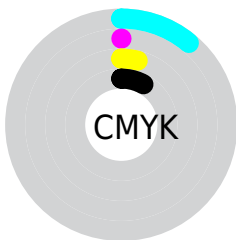
Distribution



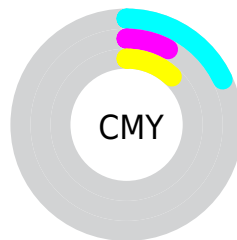
- Red (82%)
- Green (92%)
- Blue (88%)



- Red (82%)
- Yellow (89%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8773, 78.5545, 82.7138 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 69.8773, 78.5545, 82.7138 by changing the saturation by 10% instead.

■ 69.8773, 78.5545,
82.7138

■ 69.8773, 78.5545,
82.7138

449.3922,
490.0479, 523.9782

■ 51.7057, 58.5296,
61.4148

118.0610,
131.3315, 139.0202

■ 36.9939, 42.2346,
44.1273

148.8038,
164.8524, 174.8647

■ 25.3764, 29.2850,
30.4327

184.4678,
203.6407, 216.3948

■ 16.4879, 19.2965,
19.9124

225.4183,
248.0809, 264.0290

■ 9.9631, 11.8847,
12.1479

272.0206,
298.5573, 318.1860

■ 5.4366, 6.6652,
6.7208

324.6401,

■ 2.5430, 3.2536,

355.4544, 379.2841

3.2123

383.6422,
419.1564, 447.7420

■ 0.9170, 1.2655,
1.2040

■ 0.0000, 0.1143,
0.0000

■ 69.8773, 78.5545,
82.7138

■ 69.8773, 78.5545,
82.7138

■ 62.4245, 74.8588,
75.8537

■ 78.3877, 82.7916,
89.9954

■ 55.9788, 71.6720,
69.4020

■ 87.2495, 87.1994,
97.6662

■ 50.4956, 68.9735,
63.3523

■ 88.7126, 87.7847,
105.3710

■ 45.9240, 66.7373,
57.6958

■ 88.9998, 87.8996,
106.8833

■ 42.2084, 64.9347,
52.4238

■ 39.2868, 63.5339,
47.5267

■ 37.0883, 62.4985,
42.9946

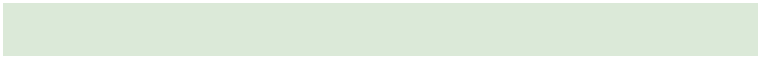
■ 35.5283, 61.7852,
38.8165

■ 34.5163, 61.3422,
35.2139

Harmonies

Analogous

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



70.9864, 78.5545, 76.4038



69.8773, 78.5545, 82.7138



70.0284, 78.5545, 90.1507

Triad

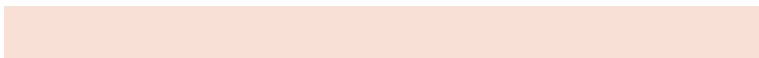
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8773, 78.5545, 82.7138



76.2593, 78.5545, 99.8213



78.0209, 78.5545, 75.2639

Complementary

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



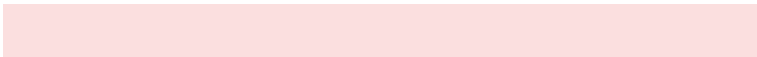
69.8773, 78.5545, 82.7138



70.2287, 68.9248, 77.3162

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.



79.4991, 78.5545, 81.0748



69.8773, 78.5545, 82.7138



78.4659, 78.5545, 95.3608

Square

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



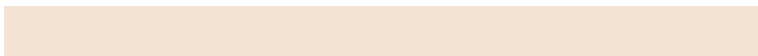
69.8773, 78.5545, 82.7138



73.6729, 78.5545, 100.3232



79.6638, 78.5545, 88.4145



75.6633, 78.5545, 72.2720

Rectangle

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



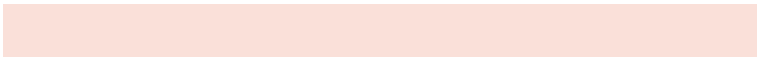
69.8773, 78.5545, 82.7138



70.8242, 78.5545, 94.7463



79.6638, 78.5545, 88.4145



78.6395, 78.5545, 76.9362

Sweetspot

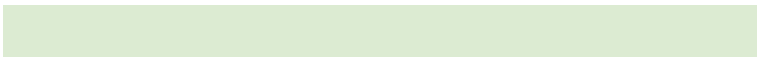
The Sweet Spot groups the original color and five complimentary colors.



69.8795, 78.5578, 82.7155



91.8024, 98.3823, 106.1963



70.9853, 79.3540, 72.5496



19.4680, 20.9675, 22.5774



0.0000, 0.0000, 0.0000



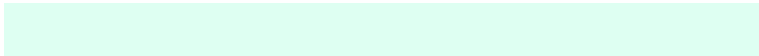
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8795, 78.5578, 82.7155



81.8258, 93.4209, 97.5170



70.6917, 77.9337, 89.9180



15.2477, 17.0139, 17.9874



19.2737, 34.1639, 19.9380



1.5607, 2.7016, 1.8147

Inverse Universe

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



70.2287, 68.9248, 77.3162



82.3331, 79.4276, 89.6743



69.4606, 69.4460, 70.7175



15.3151, 15.1539, 16.9448



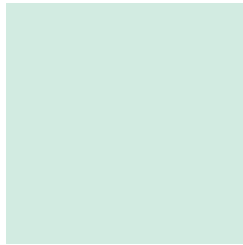
20.2517, 10.3034, 7.1269



1.6366, 0.8276, 0.8038

Previews

White Background



This preview shows how the XYZ color 69.8773, 78.5545, 82.7138 looks on a white background.

Color Contrast Check

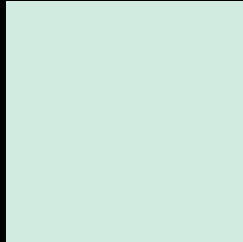
Large Text (above 18pt) WCAG AA × Fail

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 69.8773, 78.5545, 82.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

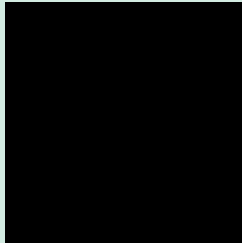
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

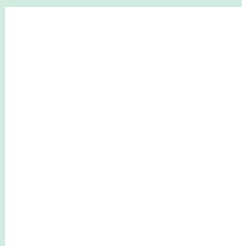
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8773, 78.5545, 82.7138

Background



This preview shows how black text looks on a background with the XYZ color 69.8773, 78.5545, 82.7138.



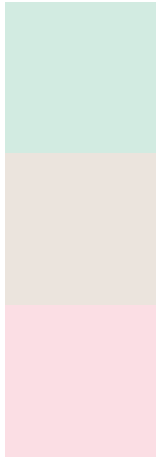
This preview shows how white text looks on a background with the XYZ color 69.8773, 78.5545,

82.7138.

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

69.8773, 78.5545, 82.7138

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

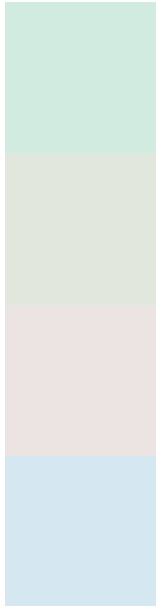
79.9085, 78.3532, 84.3108



Tritanopia

73.5628, 78.3501, 101.6884

Trichromacy



Original Color

69.8773, 78.5545, 82.7138

Protanomaly

73.1248, 78.5945, 80.4234

Deuteranomaly

75.9263, 78.3171, 83.7880

Tritanomaly

72.1744, 78.2102, 94.5112

Monochromacy



Original Color

69.8773, 78.5545, 82.7138

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.2620, 76.7453, 83.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8773, 78.5545, 82.7138 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, 235, 225) looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 225)  
}
```

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, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.8773, 78.5545, 82.7138 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, 235, 225) }
```


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

```
.border{ border-color:rgb(210, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(210, 235,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8773, 78.5545, 82.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 235, 225) }
```

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

```
.background{ background-color: rgb(210,  
235, 225) }
```

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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