

Converting Colors

XYZ(73.9617, 83.1176, 78.8441)

Have a look what the booklet for
XYZ(73.9617, 83.1176, 78.8441)
contains.

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Color

**XYZ(73.7651, 82.8068,
79.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF0DB
RGB	221, 240, 219
RGB Percent	87%, 94%, 86%
CMY	0.1333, 0.0588, 0.1412
CMYK	0.08, 0.00, 0.09, 0.06
HSL	114°, 41%, 90%
HSV	114°, 9%, 94%
XYZ	73.7651, 82.8068, 79.1133
YIQ	231.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

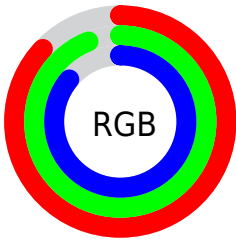
Format	Color
R _Y B	219, 240, 238
Decimal	14545115
CIE _{Lab}	92.93, -10.04, 8.01
CIE _{LCh}	93, 12.840, 141.413
Y _{xy}	82.8068, 0.3130, 0.3513
Android (android.graphics.Color)	4292735195 (0xFFDDDF0DB)
Y _{UV}	231.9250, -6.3720, -9.5812
Hunter-Lab	90.9982, -14.5510, 12.1524

Details

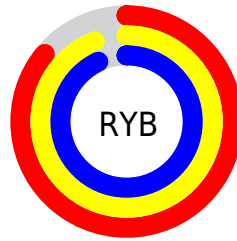
The XYZ color **73.7651, 82.8068, 79.1133** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3228, 75.1337, 92.9219**, and the grayscale version is **76.6962, 80.6904, 87.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5672, 45.0683, 41.7356** is the 20% darker color. If you saturate the color by 10%, you get **64.6414, 78.4449, 63.3649**, and if you desaturate by 10%, it is **84.2043, 87.7990, 97.3047**.

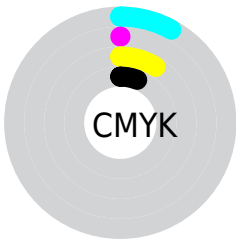
Distribution



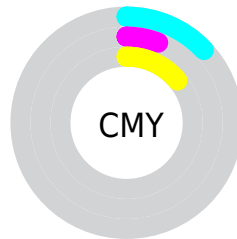
- Red (87%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7651, 82.8068, 79.1133 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 73.7651, 82.8068, 79.1133 by changing the saturation by 10% instead.

73.7651, 82.8068,
79.1133

73.7651, 82.8068,
79.1133

462.7251,
504.3424, 511.5673

54.8924, 62.0308,
58.4671

123.5601,
137.3048, 133.9185

39.5491, 45.0576,
41.7671

155.2130,
171.7956, 168.9145

27.3698, 31.5028,
28.5948

191.8568,
211.6268, 209.5309

17.9892, 20.9820,
18.5315

233.8567,
257.1828, 256.1862

11.0418, 13.1108,
11.1589

281.5782,
308.8480, 309.2990

6.1625, 7.5049,
6.0583

335.3865,

2.9857, 3.7798,

367.0067, 369.2877

2.8112

395.6470,
432.0434, 436.5710

■ 1.1462, 1.5512,
0.9991

■ 0.0633, 0.3243,
0.0000

■ 73.7651, 82.8068,
79.1133

■ 73.7651, 82.8068,
79.1133

■ 64.6414, 78.4449,
63.3649

■ 84.2043, 87.7990,
97.3047

■ 56.7742, 74.6780,
49.9504

■ 90.4517, 90.8034,
107.3672

■ 50.1105, 71.4835,
38.7604

■ 44.5906, 68.8333,
29.6747

■ 40.1500, 66.6969,
22.5618

■ 36.7174, 65.0407,
17.2753

■ 34.2130, 63.8274,
13.6484

■ 32.5446, 63.0135,
11.4843

■ 31.5930, 62.5438,
10.4931

Harmonies

Analogous

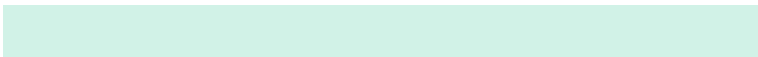
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3713, 82.8068, 74.0186



73.7651, 82.8068, 79.1133



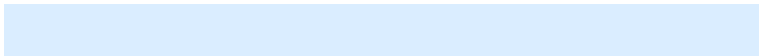
72.4916, 82.8068, 87.4295

Triad

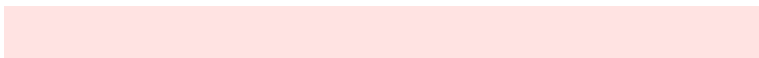
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7651, 82.8068, 79.1133



77.7452, 82.8068, 109.7123



84.8712, 82.8068, 83.5779

Complementary

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



73.7651, 82.8068, 79.1133



76.3228, 75.1337, 92.9219

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.



85.2645, 82.8068, 92.9519



73.7651, 82.8068, 79.1133



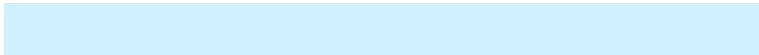
81.0865, 82.8068, 108.4981

Square

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



73.7651, 82.8068, 79.1133



74.7463, 82.8068, 105.4042



83.8615, 82.8068, 102.1954



82.8018, 82.8068, 76.4659

Rectangle

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



73.7651, 82.8068, 79.1133



72.5440, 82.8068, 93.8718



83.8615, 82.8068, 102.1954



85.2061, 82.8068, 86.5523

Sweetspot

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



73.7674, 82.8103, 79.1151



91.3418, 98.2278, 102.4248



79.2704, 84.7346, 79.1965



19.3438, 20.9258, 21.5621



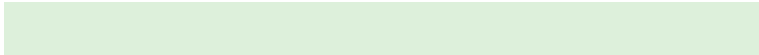
0.0000, 0.0000, 0.0000



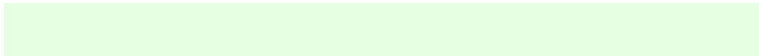
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7674, 82.8103, 79.1151



82.1297, 93.8236, 86.4179



74.2965, 82.9521, 85.0607



15.7055, 17.7283, 16.7439



17.2974, 34.2387, 5.6971



1.4859, 2.8725, 0.4761

Inverse Universe

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



76.3228, 75.1337, 92.9219



85.7697, 82.8878, 106.0861



75.7783, 74.9939, 86.5307



16.2973, 15.9505, 19.9414



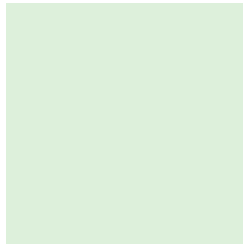
24.3607, 11.5638, 46.0760



2.0694, 0.9841, 3.8351

Previews

White Background



This preview shows how the XYZ color 73.7651, 82.8068, 79.1133 looks on a white background.

Color Contrast Check

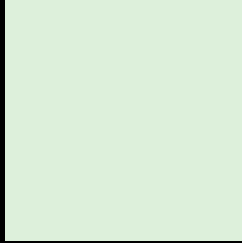
Large Text (above 18pt) WCAG AA × Fail

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 73.7651, 82.8068, 79.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

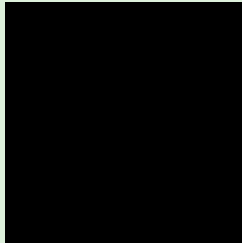
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

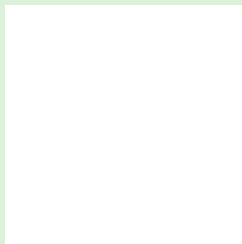
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7651, 82.8068, 79.1133

Background



This preview shows how black text looks on a background with the XYZ color 73.7651, 82.8068, 79.1133.

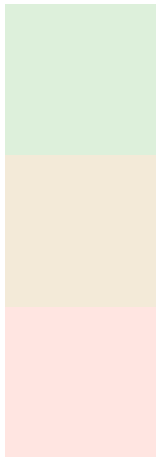


This preview shows how white text looks on a background with the XYZ color 73.7651, 82.8068,

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

73.7651, 82.8068, 79.1133

Protanopia

78.7796, 82.8582, 76.8068

Deuteranopia

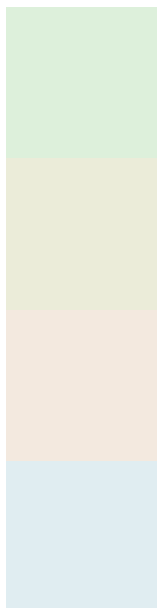
82.8499, 82.7349, 82.8369



Tritanopia

78.9618, 82.7412, 105.5748

Trichromacy



Original Color

73.7651, 82.8068, 79.1133

Protanomaly

76.7808, 82.6628, 77.5544

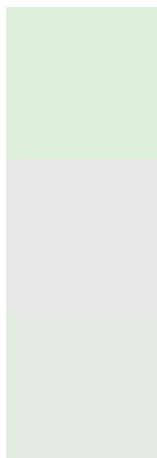
Deuteranomaly

79.4203, 82.6602, 81.5812

Tritanomaly

76.9018, 82.7665, 95.1415

Monochromacy



Original Color

73.7651, 82.8068, 79.1133

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5684, 81.4567, 84.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7651, 82.8068, 79.1133 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(221, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 219)  
}
```

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(221, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.7651, 82.8068, 79.1133 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(221, 240, 219) }
```


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

```
.border{ border-color:rgb(221, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7651, 82.8068, 79.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 219) }
```

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

```
.background{ background-color: rgb(221,  
240, 219) }
```

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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