

Converting Colors

XYZ(68.6726, 78.4833, 73.3366)

Have a look what the booklet for
XYZ(68.6726, 78.4833, 73.3366)
contains.

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Color

**XYZ(68.6173, 78.5429,
73.1718)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ECD3
RGB	211, 236, 211
RGB Percent	83%, 93%, 83%
CMY	0.1725, 0.0745, 0.1725
CMYK	0.11, 0.00, 0.11, 0.07
HSL	120°, 40%, 88%
HSV	120°, 11%, 93%
XYZ	68.6173, 78.5429, 73.1718
YIQ	225.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

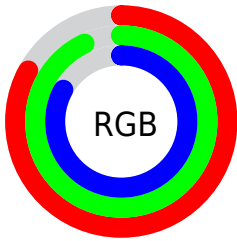
Format	Color
R_{YB}	211, 236, 236
Decimal	13888723
CIE Lab	91.03, -12.78, 9.35
CIE LCh	91, 15.836, 143.826
Yxy	78.5429, 0.3114, 0.3565
Android (android.graphics.Color)	4292078803 (0xFFD3ECD3)
YUV	225.6750, -7.2348, -12.8700
Hunter-Lab	88.6244, -16.8895, 13.0850

Details

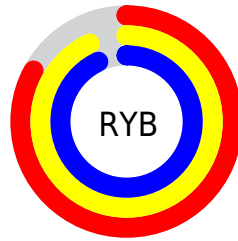
The XYZ color **68.6173, 78.5429, 73.1718** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0295, 70.4795, 89.1155**, and the grayscale version is **72.1100, 75.8653, 82.6173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0323, 42.1107, 37.6816** is the 20% darker color. If you saturate the color by 10%, you get **59.6014, 74.2144, 58.4229**, and if you desaturate by 10%, it is **79.0646, 83.5636, 90.2584**.

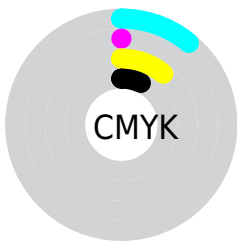
Distribution



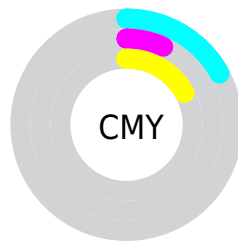
- Red (83%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6173, 78.5429, 73.1718 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 68.6173, 78.5429, 73.1718 by changing the saturation by 10% instead.

68.6173, 78.5429,
73.1718

68.6173, 78.5429,
73.1718

445.0226,
490.0086, 490.6968

50.6756, 58.5201,
53.6238

116.2719,
131.3152, 125.4442

36.1705, 42.2269,
37.9098

146.7154,
164.8334, 159.0058

24.7366, 29.2790,
25.6114

182.0570,
203.6188, 198.0755

16.0086, 19.2920,
16.3100

222.6620,
248.0559, 243.0720

9.6211, 11.8814,
9.5871

268.8957,
298.5291, 294.4139

5.2088, 6.6630,
5.0240

321.1234,

2.4063, 3.2523,

355.4226, 352.5196

2.2024

379.7106,
419.1210, 417.8077

■ 0.8483, 1.2648,
0.6757

■ 0.0000, 0.1137,
0.0000

■ 68.6173, 78.5429,
73.1718

■ 68.6173, 78.5429,
73.1718

■ 59.6014, 74.2144,
58.4229

■ 79.0646, 83.5636,
90.2584

■ 51.9486, 70.5384,
45.9053

■ 89.2870, 88.4739,
106.9790

■ 45.5944, 67.4861,
35.5118

■ 40.4668, 65.0231,
27.1247

■ 36.4869, 63.1113,
20.6147

■ 33.5662, 61.7084,
15.8374

■ 31.6038, 60.7658,
12.6274

■ 30.4790, 60.2254,
10.7875

■ 29.9970, 59.9939,
9.9991

Harmonies

Analogous

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



71.5900, 78.5429, 66.9190



68.6173, 78.5429, 73.1718



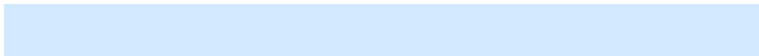
67.2674, 78.5429, 83.1739

Triad

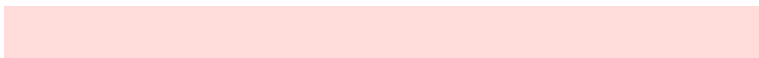
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.6173, 78.5429, 73.1718



73.8290, 78.5429, 109.3298



81.9083, 78.5429, 76.9305

Complementary

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



68.6173, 78.5429, 73.1718



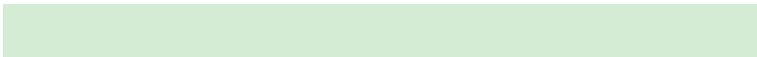
73.0295, 70.4795, 89.1155

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.



82.5596, 78.5429, 87.9096



68.6173, 78.5429, 73.1718



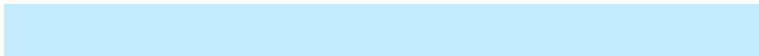
77.8015, 78.5429, 107.2829

Square

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



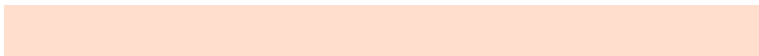
68.6173, 78.5429, 73.1718



70.2064, 78.5429, 104.5522



81.0320, 78.5429, 99.1844



79.2828, 78.5429, 68.9498

Rectangle

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



68.6173, 78.5429, 73.1718



67.4338, 78.5429, 90.8901



81.0320, 78.5429, 99.1844



82.3692, 78.5429, 80.3654

Sweetspot

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



68.6195, 78.5463, 73.1735



91.0839, 98.0949, 102.4128



76.3488, 82.5309, 73.5351



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



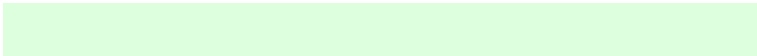
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6195, 78.5463, 73.1735



79.0030, 92.2918, 82.6524



70.2486, 79.1979, 81.7526



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



73.0295, 70.4795, 89.1155



85.3714, 80.6429, 105.6735



71.2757, 69.7780, 79.8802



15.7149, 15.3138, 19.0498



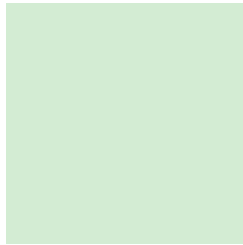
27.4132, 13.1680, 44.8386



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 68.6173, 78.5429, 73.1718 looks on a white background.

Color Contrast Check

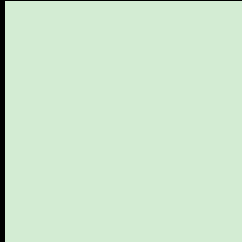
Large Text (above 18pt) WCAG AA × Fail

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 68.6173, 78.5429, 73.1718 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

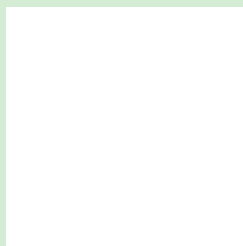
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6173, 78.5429, 73.1718

Background



This preview shows how black text looks on a background with the XYZ color 68.6173, 78.5429, 73.1718.

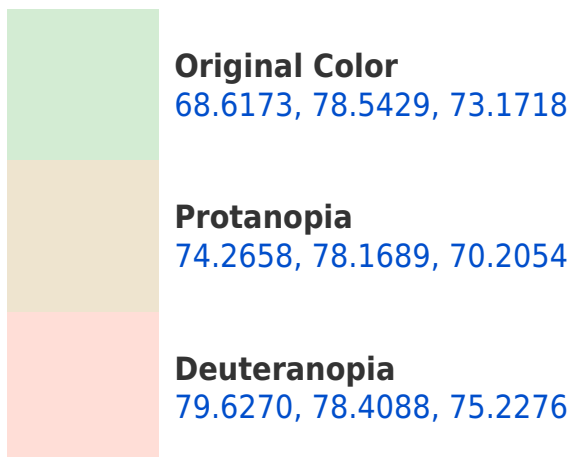


This preview shows how white text looks on a background with the XYZ color 68.6173, 78.5429,

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

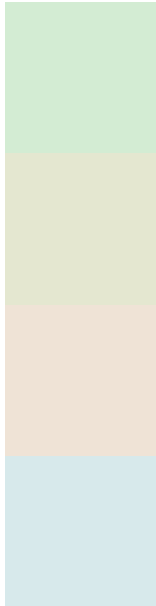




Tritanopia

74.2901, 78.7431, 100.9060

Trichromacy



Original Color

68.6173, 78.5429, 73.1718

Protanomaly

71.9560, 78.1999, 70.9761

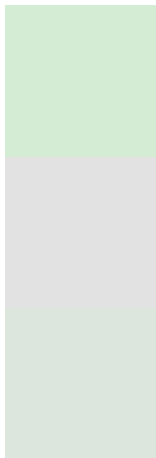
Deuteranomaly

75.2033, 78.1439, 74.7380

Tritanomaly

72.1586, 78.7231, 89.9892

Monochromacy



Original Color

68.6173, 78.5429, 73.1718

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.1668, 77.1862, 79.5542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6173, 78.5429, 73.1718 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, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 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(211, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.6173, 78.5429, 73.1718 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, 236, 211) }
```


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

```
.border{ border-color:rgb(211, 236, 211) }
```

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

Here you see how a box with a 4 pixel rgb(211, 236, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6173, 78.5429, 73.1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 211) }
```

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

```
.background{ background-color: rgb(211,  
236, 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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