

Converting Colors

XYZ(70.6573, 80.0232, 73.3500)

Have a look what the booklet for
XYZ(70.6573, 80.0232, 73.3500)
contains.

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Color

**XYZ(70.6573, 80.0232,
73.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EDD3
RGB	217, 237, 211
RGB Percent	85%, 93%, 83%
CMY	0.1490, 0.0706, 0.1725
CMYK	0.08, 0.00, 0.11, 0.07
HSL	106°, 42%, 88%
HSV	106°, 11%, 93%
XYZ	70.6573, 80.0232, 73.3500
YIQ	228.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

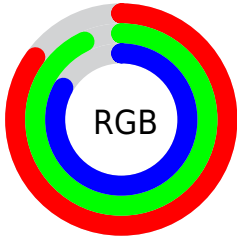
Format	Color
RYB	211, 237, 231
Decimal	14282195
CIELab	91.70, -11.26, 10.36
CIELCh	92, 15.300, 137.397
Yxy	80.0232, 0.3154, 0.3572
Android (android.graphics.Color)	4292472275 (0xFFD9EDD3)
YUV	228.0560, -8.4086, -9.6961
Hunter-Lab	89.4557, -15.5578, 14.0036

Details

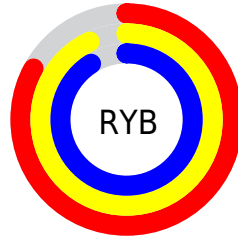
The XYZ color **70.6573, 80.0232, 73.3500** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.5385, 69.6941, 89.8067**, and the grayscale version is **73.8471, 77.6929, 84.6075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4249, 43.1294, 37.8048** is the 20% darker color. If you saturate the color by 10%, you get **62.7796, 76.2828, 58.5982**, and if you desaturate by 10%, it is **79.5763, 84.2544, 90.4406**.

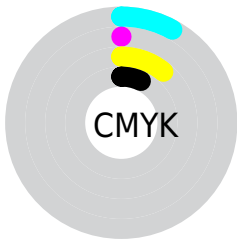
Distribution



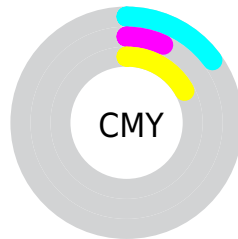
- Red (85%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6573, 80.0232, 73.3500 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 70.6573, 80.0232, 73.3500 by changing the saturation by 10% instead.

70.6573, 80.0232,
73.3500

70.6573, 80.0232,
73.3500

452.0850,
495.0110, 491.3302

52.3441, 59.7374,
53.7686

119.1668,
133.3984, 125.6995

37.5048, 43.2070,
38.0248

150.0938,
167.2565, 159.3047

25.7740, 30.0476,
25.7000

185.9562,
206.4076, 198.4215

16.7865, 19.8747,
16.3756

227.1192,
251.2361, 243.4687

10.1767, 12.3040,
9.6331

273.9482,
302.1263, 294.8645

5.5795, 6.9511,
5.0540

326.8086,

2.6293, 3.4315,

359.4625, 353.0277

2.2197

386.0658,
423.6293, 418.3768

■ 0.9609, 1.3610,
0.6857

■ 0.0000, 0.1877,
0.0000

■ 70.6573, 80.0232,
73.3500

■ 70.6573, 80.0232,
73.3500

■ 62.7796, 76.2828,
58.5982

■ 79.5763, 84.2544,
90.4406

■ 55.8981, 73.0052,
46.0785

■ 89.0137, 88.7617,
107.0489

■ 49.9741, 70.1752,
35.6836

■ 89.5757, 89.0515,
107.0752

■ 44.9638, 67.7728,
27.2956

■ 40.8199, 65.7763,
20.7847

■ 37.4903, 64.1622,
16.0061

■ 34.9171, 62.9041,
12.7939

■ 33.0337, 61.9721,
10.9497

■ 31.8439, 61.3747,
10.1682

Harmonies

Analogous

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



73.8332, 80.0232, 68.1522



70.6573, 80.0232, 73.3500



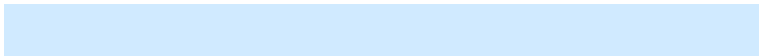
68.9538, 80.0232, 82.5159

Triad

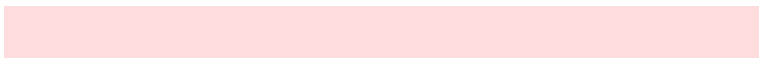
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6573, 80.0232, 73.3500



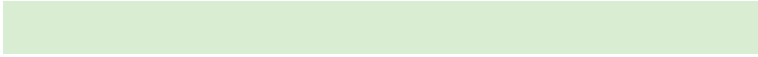
74.4304, 80.0232, 109.8865



83.4643, 80.0232, 80.8494

Complementary

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



70.6573, 80.0232, 73.3500



71.5385, 69.6941, 89.8067

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.



83.6376, 80.0232, 91.9164



70.6573, 80.0232, 73.3500



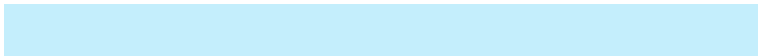
78.3304, 80.0232, 109.3432

Square

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



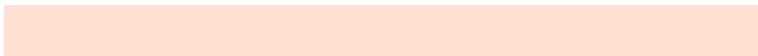
70.6573, 80.0232, 73.3500



71.0816, 80.0232, 103.9660



81.7306, 80.0232, 102.5397



81.2649, 80.0232, 72.2203

Rectangle

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



70.6573, 80.0232, 73.3500



68.8428, 80.0232, 89.9339



81.7306, 80.0232, 102.5397



83.7641, 80.0232, 84.3882

Sweetspot

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



70.6595, 80.0266, 73.3517



91.7105, 98.4179, 102.4420



75.2435, 79.8258, 73.0714



19.4429, 20.9769, 21.5668



0.0000, 0.0000, 0.0000



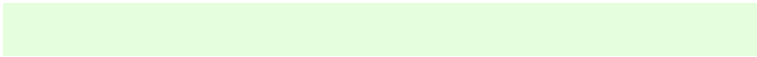
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6595, 80.0266, 73.3517



81.3970, 93.5260, 82.7641



69.7968, 79.4793, 77.9482



15.1935, 17.0298, 16.0050



17.4795, 33.5555, 5.5556



1.4549, 2.6774, 0.4401

Inverse Universe

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



71.5385, 69.6941, 89.8067



82.6134, 79.2211, 105.5447



72.5145, 70.3121, 84.6649



15.3553, 15.1284, 19.0330



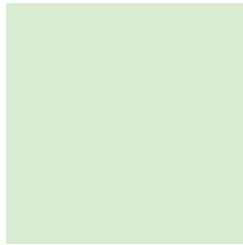
19.0397, 8.8513, 44.4479



1.5776, 0.7376, 3.4941

Previews

White Background



This preview shows how the XYZ color 70.6573, 80.0232, 73.3500 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 70.6573, 80.0232, 73.3500 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

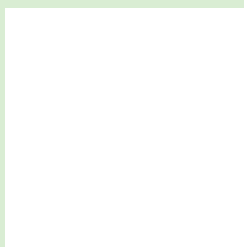
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6573, 80.0232, 73.3500

Background



This preview shows how black text looks on a background with the XYZ color 70.6573, 80.0232, 73.3500.



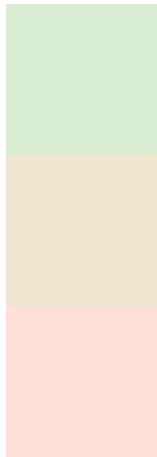
This preview shows how white text looks on a background with the XYZ color 70.6573, 80.0232,

73.3500.

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

70.6573, 80.0232, 73.3500

Protanopia

75.4945, 79.6239, 70.4214

Deuteranopia

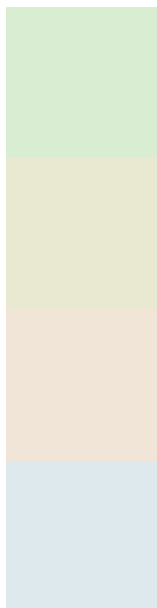
80.4200, 79.5811, 76.7677



Tritanopia

76.2627, 79.7419, 101.8147

Trichromacy



Original Color

70.6573, 80.0232, 73.3500

Protanomaly

73.8028, 79.9877, 71.2239

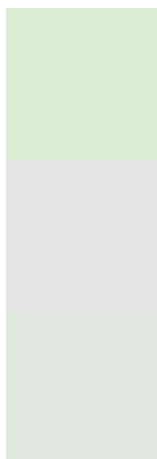
Deuteranomaly

76.5607, 79.6457, 75.6280

Tritanomaly

74.0980, 79.7061, 90.8363

Monochromacy



Original Color

70.6573, 80.0232, 73.3500

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.5012, 78.2730, 80.3942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6573, 80.0232, 73.3500 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(217, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 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(217, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.6573, 80.0232, 73.3500 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(217, 237, 211) }
```


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

```
.border{ border-color:rgb(217, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6573, 80.0232, 73.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 237, 211) }
```

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

```
.background{ background-color: rgb(217,  
237, 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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