

Converting Colors

XYZ(73.4537, 80.1545, 88.2045)

Have a look what the booklet for
XYZ(73.4537, 80.1545, 88.2045)
contains.

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Color

**XYZ(73.4872, 80.3029,
87.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEBE8
RGB	219, 235, 232
RGB Percent	86%, 92%, 91%
CMY	0.1412, 0.0784, 0.0902
CMYK	0.07, 0.00, 0.01, 0.08
HSL	169°, 29%, 89%
HSV	169°, 7%, 92%
XYZ	73.4872, 80.3029, 87.9708
YIQ	229.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

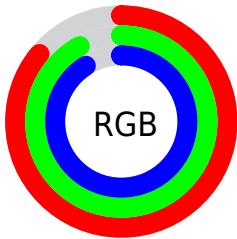
Format	Color
R _Y B	219, 228, 235
Decimal	14412776
CIE Lab	91.82, -5.83, -0.38
CIE LCh	92, 5.846, 183.708
Yxy	80.3029, 0.3040, 0.3322
Android (android.graphics.Color)	4292602856 (0xFFDBEBE8)
YUV	229.8740, 1.0481, -9.5365
Hunter-Lab	89.6119, -10.4399, 4.5241

Details

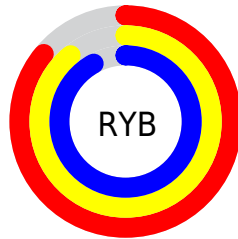
The XYZ color **73.4872, 80.3029, 87.9708** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7801, 73.6012, 79.4814**, and the grayscale version is **75.1195, 79.0316, 86.0654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2664, 43.2673, 47.3562** is the 20% darker color. If you saturate the color by 10%, you get **66.2921, 76.6674, 84.4059**, and if you desaturate by 10%, it is **81.7007, 84.4660, 91.6688**.

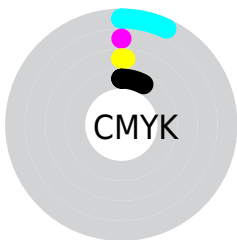
Distribution



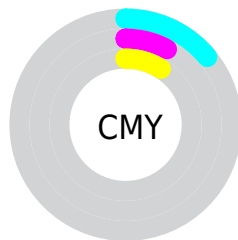
- Red (86%)
- Green (92%)
- Blue (91%)



- Red (86%)
- Yellow (89%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4872, 80.3029, 87.9708 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 73.4872, 80.3029, 87.9708 by changing the saturation by 10% instead.

73.4872, 80.3029,
87.9708

73.4872, 80.3029,
87.9708

461.7793,
495.9530, 541.8064

54.6642, 59.9676,
65.7347

123.1680,
133.7915, 146.4273

39.3657, 43.3926,
47.6019

154.7566,
167.7137, 183.4847

27.2264, 30.1932,
33.1540

191.3310,
206.9335, 226.3197

17.8808, 19.9853,
21.9724

233.2567,
251.8356, 275.3508

10.9636, 12.3844,
13.6385

280.8991,
302.8041, 330.9964

6.1095, 7.0060,
7.7338

334.6234,

2.9531, 3.4659,

360.2237, 393.6752

3.8398

394.7950,
424.4785, 463.8057

■ 1.1290, 1.3795,
1.5379

■ 0.0492, 0.2016,
0.2459

■ 73.4872, 80.3029,
87.9708

■ 73.4872, 80.3029,
87.9708

■ 66.2921, 76.6674,
84.4059

■ 81.7007, 84.4660,
91.6688

■ 60.0669, 73.5279,
80.9662

■ 86.8006, 87.0200,
95.3021

■ 54.7692, 70.8647,
77.6508

■ 87.4669, 87.2865,
98.8112

■ 50.3508, 68.6531,
74.4569

■ 88.1494, 87.5595,
102.4048

■ 46.7592, 66.8659,
71.3813

■ 88.8480, 87.8389,
106.0836

■ 43.9362, 65.4731,
68.4208

■ 88.9998, 87.8997,
106.8833

■ 41.8157, 64.4409,
65.5716

■ 40.3205, 63.7292,
62.8294

■ 39.3521, 63.2874,
60.1891

Harmonies

Analogous

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



73.7722, 80.3029, 83.8331



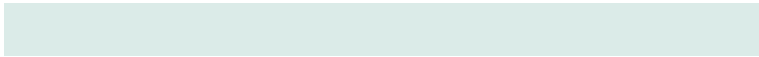
73.4872, 80.3029, 87.9708



73.9545, 80.3029, 92.0944

Triad

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



73.4872, 80.3029, 87.9708



77.9351, 80.3029, 94.4793



77.6084, 80.3029, 80.2473

Complementary

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



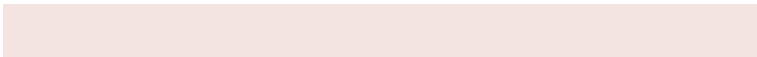
73.4872, 80.3029, 87.9708



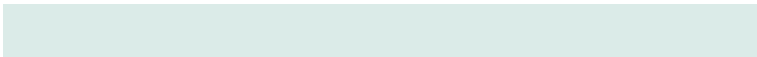
72.7801, 73.6012, 79.4814

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.



78.7467, 80.3029, 82.9378



73.4872, 80.3029, 87.9708



78.9370, 80.3029, 91.1411

Square

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



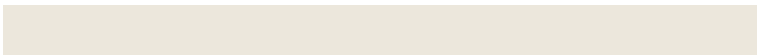
73.4872, 80.3029, 87.9708



76.5119, 80.3029, 95.9288



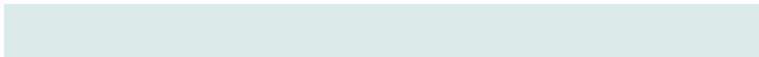
79.2360, 80.3029, 86.9038



76.1394, 80.3029, 79.4603

Rectangle

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



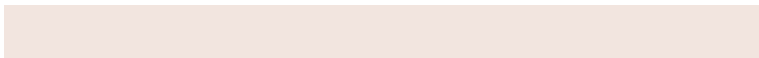
73.4872, 80.3029, 87.9708



74.6333, 80.3029, 94.2548



79.2360, 80.3029, 86.9038



78.0430, 80.3029, 80.9546

Sweetspot

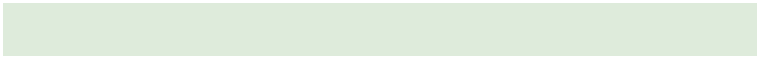
The Sweet Spot groups the original color and five complimentary colors.



73.4895, 80.3063, 87.9726



93.0448, 98.9840, 108.0037



72.6825, 80.0958, 78.6482



19.9364, 21.1973, 23.1267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

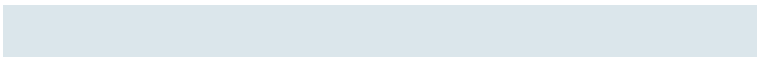
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4895, 80.3063, 87.9726



87.3286, 96.0900, 105.3530



72.5637, 77.7661, 89.7871



15.3894, 17.0706, 18.7332



21.8060, 35.1769, 33.2733



1.7436, 2.7747, 2.7775

Inverse Universe

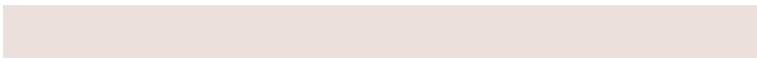
The Inverse Universe completely reimagines the original color for something new.



72.7801, 73.6012, 79.4814



86.3296, 86.6461, 93.3938



73.6518, 75.9830, 77.8033



15.1810, 15.1002, 16.2382



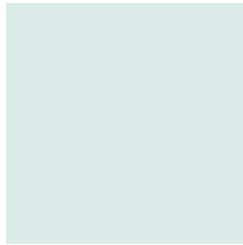
19.3562, 9.9452, 2.4112



1.5523, 0.7939, 0.3600

Previews

White Background



This preview shows how the XYZ color 73.4872, 80.3029, 87.9708 looks on a white background.

Color Contrast Check

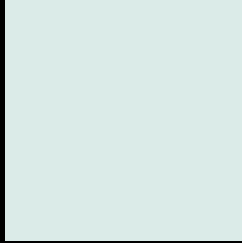
Large Text (above 18pt) WCAG AA × Fail

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 73.4872, 80.3029, 87.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

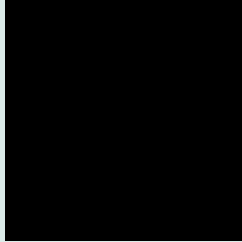
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

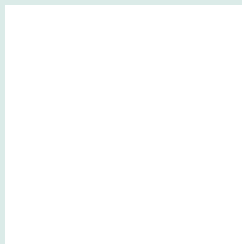
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4872, 80.3029, 87.9708

Background



This preview shows how black text looks on a background with the XYZ color 73.4872, 80.3029, 87.9708.



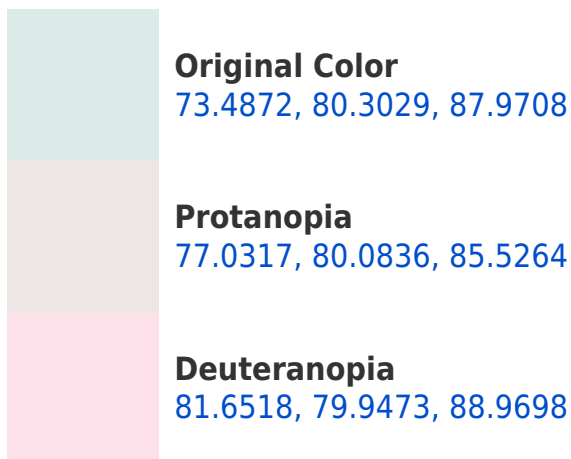
This preview shows how white text looks on a background with the XYZ color 73.4872, 80.3029,

87.9708.

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

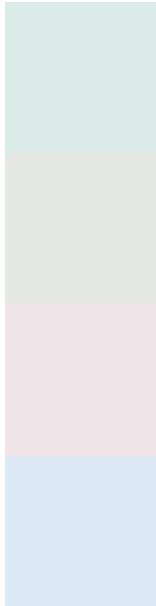




Tritanopia

76.3934, 80.2079, 102.7221

Trichromacy



Original Color

73.4872, 80.3029, 87.9708

Protanomaly

75.7727, 80.2494, 86.3589

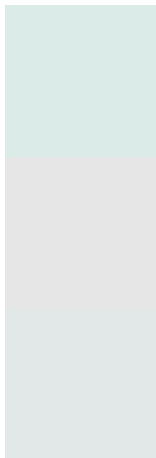
Deuteranomaly

78.3866, 79.8953, 88.3807

Tritanomaly

75.2868, 80.1816, 97.0965

Monochromacy



Original Color

73.4872, 80.3029, 87.9708

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6444, 79.6515, 87.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4872, 80.3029, 87.9708 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(219, 235, 232) looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 232)  
}
```

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(219, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.4872, 80.3029, 87.9708 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(219, 235, 232) }
```


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

```
.border{ border-color:rgb(219, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4872, 80.3029, 87.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 232) }
```

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

```
.background{ background-color: rgb(219,  
235, 232) }
```

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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