

Converting Colors

XYZ(74.2210, 81.1845, 81.6771)

Have a look what the booklet for XYZ(74.2210, 81.1845, 81.6771) contains.

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Color

**XYZ(74.3661, 81.3262,
81.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ECDF
RGB	225, 236, 223
RGB Percent	88%, 93%, 87%
CMY	0.1176, 0.0745, 0.1255
CMYK	0.05, 0.00, 0.06, 0.07
HSL	111°, 26%, 90%
HSV	111°, 6%, 93%
XYZ	74.3661, 81.3262, 81.5900
YIQ	231.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

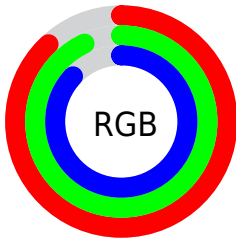
Format	Color
R _Y B	223, 236, 234
Decimal	14806239
CIE Lab	92.28, -5.98, 5.03
CIE LCh	92, 7.809, 139.944
Yxy	81.3262, 0.3134, 0.3427
Android (android.graphics.Color)	4292996319 (0xFFE1ECDF)
YUV	231.2290, -4.0569, -5.4628
Hunter-Lab	90.1810, -10.6201, 9.4850

Details

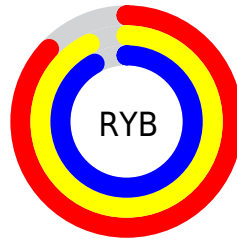
The XYZ color **74.3661, 81.3262, 81.5900** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.4628, 76.3261, 90.1162**, and the grayscale version is **76.1587, 80.1248, 87.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9667, 44.0157, 43.4352** is the 20% darker color. If you saturate the color by 10%, you get **65.5378, 77.1197, 65.7087**, and if you desaturate by 10%, it is **84.3708, 86.0925, 99.8449**.

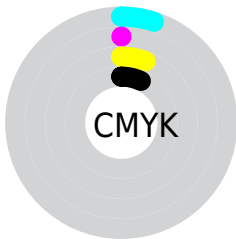
Distribution



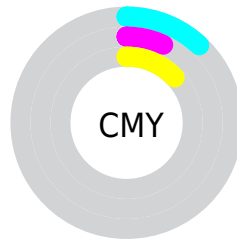
- Red (88%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3661, 81.3262, 81.5900 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 74.3661, 81.3262, 81.5900 by changing the saturation by 10% instead.

■ 74.3661, 81.3262,
81.5900

■ 74.3661, 81.3262,
81.5900

464.7668,
499.3911, 520.1226

■ 55.3861, 60.8103,
60.4938

124.4074,
135.2287, 137.4304

■ 39.9460, 44.0721,
43.3889

156.1993,
169.3841, 173.0117

■ 27.6804, 30.7272,
29.8567

192.9926,
208.8547, 214.2584

■ 18.2241, 20.3912,
19.4787

235.1526,
254.0251, 261.5891

■ 11.2117, 12.6797,
11.8364

283.0447,
305.2795, 315.4224

■ 6.2777, 7.2084,
6.5112

337.0341,

■ 3.0570, 3.5928,

363.0023, 376.1767

3.0846

397.4864,
427.5781, 444.2706

■ 1.1840, 1.4485,
1.1380

■ 0.0936, 0.2520,
0.0000

■ 74.3661, 81.3262,
81.5900

■ 74.3661, 81.3262,
81.5900

■ 65.5378, 77.1197,
65.7087

■ 84.3708, 86.0925,
99.8449

■ 57.8357, 73.4425,
52.0985

■ 89.2870, 88.4741,
106.9790

■ 51.2164, 70.2765,
40.6570

■ 45.6307, 67.5989,
31.2725

■ 41.0256, 65.3850,
23.8226

■ 37.3436, 63.6081,
18.1725

■ 34.5205, 62.2384,
14.1699

■ 32.4841, 61.2425,
11.6372

■ 31.1489, 60.5812,
10.3561

Harmonies

Analogous

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



75.9821, 81.3262, 78.5099



74.3661, 81.3262, 81.5900



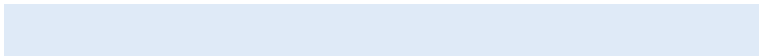
73.5402, 81.3262, 86.6242

Triad

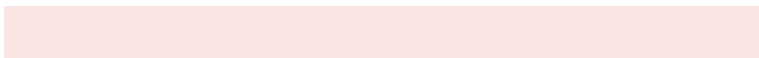
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3661, 81.3262, 81.5900



76.6226, 81.3262, 99.9489



81.0032, 81.3262, 84.8138

Complementary

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



74.3661, 81.3262, 81.5900



75.4628, 76.3261, 90.1162

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.



81.1819, 81.3262, 90.5050



74.3661, 81.3262, 81.5900



78.6292, 81.3262, 99.4124

Square

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



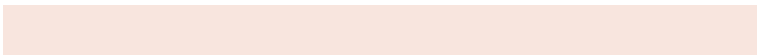
74.3661, 81.3262, 81.5900



74.8279, 81.3262, 97.3312



80.3062, 81.3262, 95.8958



79.8221, 81.3262, 80.3143

Rectangle

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



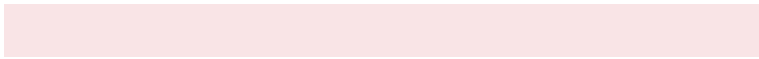
74.3661, 81.3262, 81.5900



73.5389, 81.3262, 90.4832



80.3062, 81.3262, 95.8958



81.1833, 81.3262, 86.6453

Sweetspot

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



74.3684, 81.3297, 81.5918



92.6697, 98.8665, 104.5592



77.2902, 81.9152, 81.5508



19.8601, 21.1734, 22.4254



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

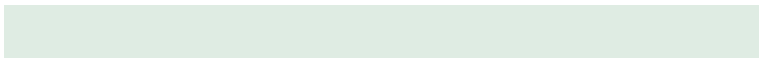
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3684, 81.3297, 81.5918



86.9676, 96.1501, 94.2109



74.3406, 81.2470, 84.6807



15.4496, 17.1476, 16.6595



17.0087, 33.3128, 5.5336



1.4014, 2.6498, 0.4376

Inverse Universe

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



75.4628, 76.3261, 90.1162



88.6149, 88.6183, 107.0423



75.5008, 76.4176, 86.8698



15.7657, 15.7020, 19.1221



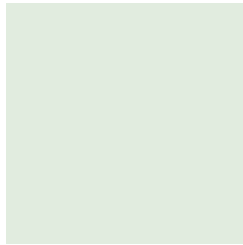
21.5215, 10.1306, 44.5641



1.7514, 0.8272, 3.5022

Previews

White Background



This preview shows how the XYZ color 74.3661, 81.3262, 81.5900 looks on a white background.

Color Contrast Check

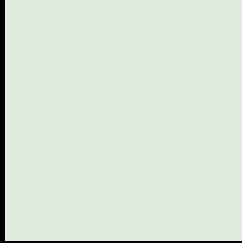
Large Text (above 18pt) WCAG AA × Fail

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 74.3661, 81.3262, 81.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

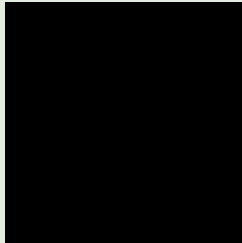
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

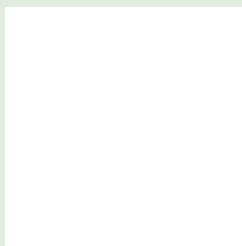
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3661, 81.3262, 81.5900

Background



This preview shows how black text looks on a background with the XYZ color 74.3661, 81.3262, 81.5900.



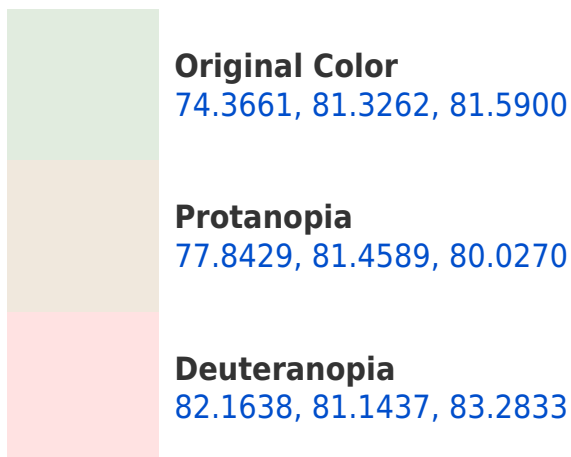
This preview shows how white text looks on a background with the XYZ color 74.3661, 81.3262,

81.5900.

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

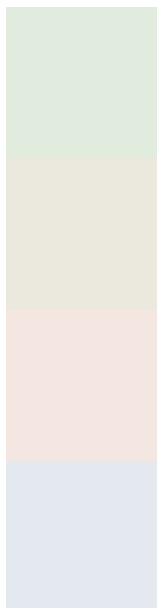




Tritanopia

78.4250, 81.2734, 101.9964

Trichromacy



Original Color

74.3661, 81.3262, 81.5900

Protanomaly

76.5847, 81.2139, 80.7467

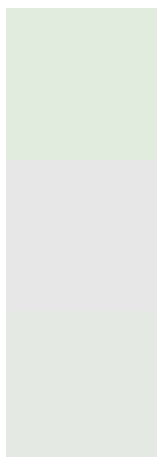
Deuteranomaly

79.1956, 81.2630, 82.7454

Tritanomaly

76.8620, 81.0631, 94.0338

Monochromacy



Original Color

74.3661, 81.3262, 81.5900

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4556, 80.5373, 84.9671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3661, 81.3262, 81.5900 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(225, 236, 223) looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 223)  
}
```

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(225, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.3661, 81.3262, 81.5900 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(225, 236, 223) }
```


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

```
.border{ border-color:rgb(225, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(225, 236,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3661, 81.3262, 81.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 223) }
```

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

```
.background{ background-color: rgb(225,  
236, 223) }
```

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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