

Converting Colors

XYZ(75.1220, 81.3481, 88.7117)

Have a look what the booklet for
XYZ(75.1220, 81.3481, 88.7117)
contains.

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Color

**XYZ(75.1349, 81.5621,
88.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	DFECE9
RGB	223, 236, 233
RGB Percent	87%, 93%, 91%
CMY	0.1255, 0.0745, 0.0863
CMYK	0.06, 0.00, 0.01, 0.07
HSL	166°, 26%, 90%
HSV	166°, 6%, 93%
XYZ	75.1349, 81.5621, 88.8738
YIQ	231.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

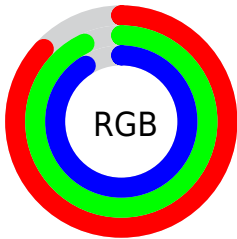
Format	Color
R _Y B	223, 230, 236
Decimal	14675177
CIE Lab	92.38, -4.85, -0.05
CIE LCh	92, 4.846, 180.552
Yxy	81.5621, 0.3060, 0.3321
Android (android.graphics.Color)	4292865257 (0xFFDFECE9)
YUV	231.7710, 0.6059, -7.6922
Hunter-Lab	90.3117, -9.5424, 4.8722

Details

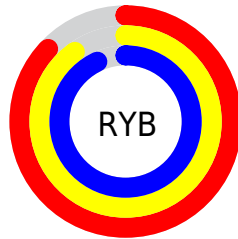
The XYZ color **75.1349, 81.5621, 88.8738** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7103, 76.1014, 82.7069**, and the grayscale version is **76.5318, 80.5174, 87.6834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4055, 44.1417, 47.9856** is the 20% darker color. If you saturate the color by 10%, you get **67.5980, 77.7676, 84.5195**, and if you desaturate by 10%, it is **83.7140, 85.8957, 93.4058**.

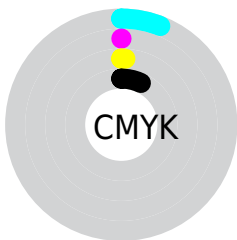
Distribution



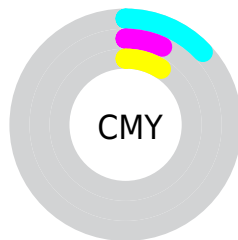
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1349, 81.5621, 88.8738 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 75.1349, 81.5621, 88.8738 by changing the saturation by 10% instead.

■ 75.1349, 81.5621,
88.8738

■ 75.1349, 81.5621,
88.8738

467.3711,
500.1818, 544.8358

■ 56.0180, 61.0046,
66.4785

125.4902,
135.5597, 147.6949

■ 40.4544, 44.2289,
48.2020

157.4593,
169.7687, 184.9578

■ 28.0788, 30.8505,
33.6258

194.4431,
209.2970, 228.0136

■ 18.5258, 20.4850,
22.3312

236.8071,
254.5290, 277.2809

■ 11.4301, 12.7481,
13.8998

284.9165,
305.8491, 333.1782

■ 6.4263, 7.2553,
7.9131

339.1367,

■ 3.1491, 3.6223,

363.6416, 396.1241

3.9524

399.8332,
428.2910, 466.5371

■ 1.2331, 1.4646,
1.5993

■ 0.1323, 0.2636,
0.2903

■ 75.1349, 81.5621,
88.8738

■ 75.1349, 81.5621,
88.8738

■ 67.5980, 77.7676,
84.5195

■ 83.7140, 85.8957,
93.4058

■ 61.0545, 74.4801,
80.3346

■ 87.5517, 87.7799,
97.8410

■ 55.4619, 71.6801,
76.3175

■ 88.3916, 88.1158,
102.2636

■ 50.7719, 69.3428,
72.4649

■ 89.2561, 88.4617,
106.8164

■ 46.9320, 67.4410,
68.7732

■ 89.2870, 88.4740,
106.9790

■ 43.8841, 65.9448,
65.2383

■ 41.5625, 64.8204,
61.8562

■ 39.8908, 64.0285,
58.6219

■ 38.7749, 63.5205,
55.5299

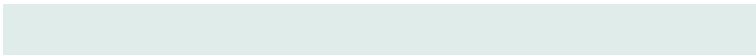
Harmonies

Analogous

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



75.4405, 81.5621, 85.4536



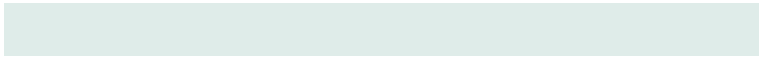
75.1349, 81.5621, 88.8738



75.4633, 81.5621, 92.3658

Triad

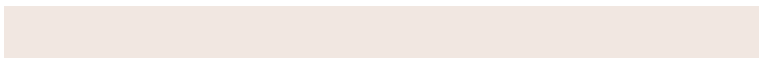
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1349, 81.5621, 88.8738



78.7551, 81.5621, 94.8911



78.7145, 81.5621, 82.9256

Complementary

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



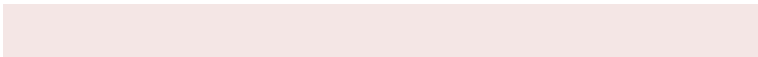
75.1349, 81.5621, 88.8738



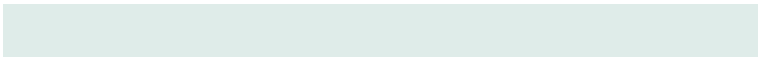
74.7103, 76.1014, 82.7069

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.



79.6185, 81.5621, 85.3413



75.1349, 81.5621, 88.8738



79.6421, 81.5621, 92.2476

Square

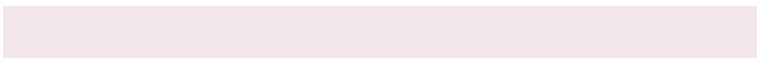
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1349, 81.5621, 88.8738



77.5456, 81.5621, 95.8968



79.9598, 81.5621, 88.7408



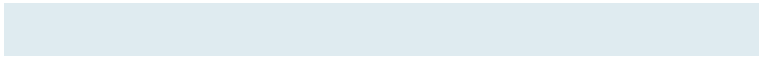
77.4991, 81.5621, 82.0760

Rectangle

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



75.1349, 81.5621, 88.8738



75.9996, 81.5621, 94.2500



79.9598, 81.5621, 88.7408



79.0653, 81.5621, 83.5782

Sweetspot

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



75.1372, 81.5656, 88.8756



93.0094, 98.9699, 107.8175



74.6919, 81.4964, 81.6070



19.9292, 21.1944, 23.0888



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.



75.1372, 81.5656, 88.8756



88.1283, 96.5076, 105.1479



74.5813, 79.7612, 90.8256



15.6726, 17.2163, 18.7567



21.2109, 34.9388, 30.1396



1.7017, 2.7580, 2.5570

Inverse Universe

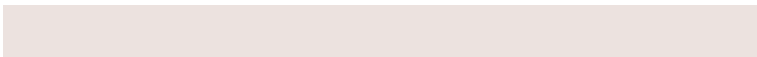
The Inverse Universe completely reimagines the original color for something new.



74.7103, 76.1014, 82.7069



87.4857, 88.2825, 95.8625



75.2376, 77.8100, 80.8667



15.5492, 15.6377, 16.9746



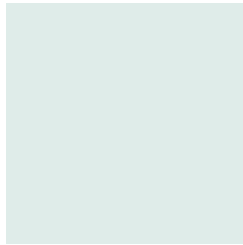
19.4825, 9.9957, 3.0763



1.5659, 0.7993, 0.4316

Previews

White Background



This preview shows how the XYZ color 75.1349, 81.5621, 88.8738 looks on a white background.

Color Contrast Check

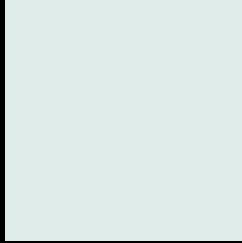
Large Text (above 18pt) WCAG AA × Fail

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 75.1349, 81.5621, 88.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

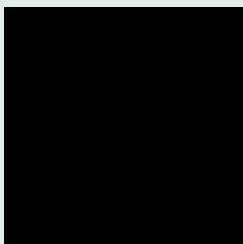
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

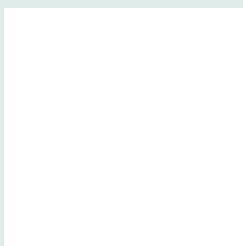
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1349, 81.5621, 88.8738

Background



This preview shows how black text looks on a background with the XYZ color 75.1349, 81.5621, 88.8738.

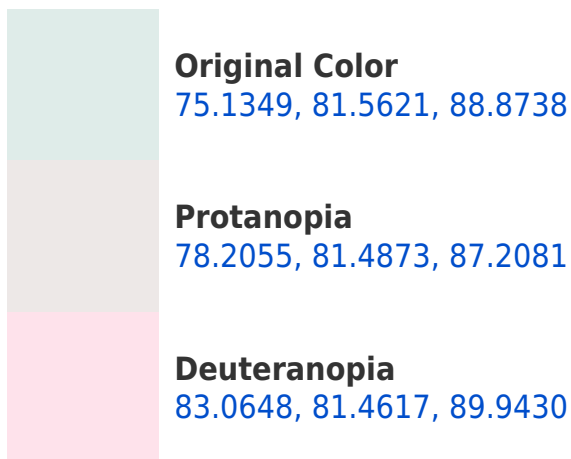


This preview shows how white text looks on a background with the XYZ color 75.1349, 81.5621,

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

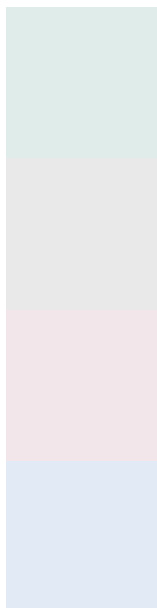




Tritanopia

78.0736, 81.4749, 103.7068

Trichromacy



Original Color

75.1349, 81.5621, 88.8738

Protanomaly

76.9831, 81.2598, 87.9712

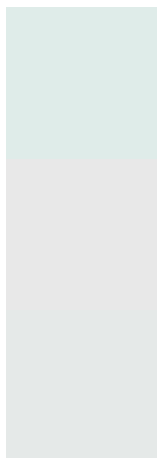
Deuteranomaly

80.1102, 81.5888, 89.3679

Tritanomaly

76.9556, 81.4458, 98.0508

Monochromacy



Original Color

75.1349, 81.5621, 88.8738

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0175, 80.7620, 87.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1349, 81.5621, 88.8738 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(223, 236, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 233)  
}
```

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(223, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.1349, 81.5621, 88.8738 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(223, 236, 233) }
```


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

```
.border{ border-color:rgb(223, 236, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1349, 81.5621, 88.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 233) }
```

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

```
.background{ background-color: rgb(223,  
236, 233) }
```

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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