

Converting Colors

XYZ(75.2291, 81.3336, 92.0356)

Have a look what the booklet for
XYZ(75.2291, 81.3336, 92.0356)
contains.

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Color

**XYZ(75.4057, 81.6349,
91.9036)**

Conversions

Conversions Part 1

Format	Color
Hex	DEECED
RGB	222, 236, 237
RGB Percent	87%, 93%, 93%
CMY	0.1294, 0.0745, 0.0706
CMYK	0.06, 0.00, 0.00, 0.07
HSL	184°, 29%, 90%
HSV	184°, 6%, 93%
XYZ	75.4057, 81.6349, 91.9036
YIQ	231.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

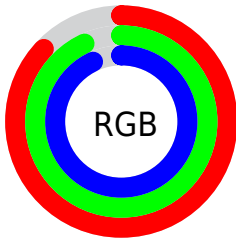
Format	Color
R _Y B	222, 229, 237
Decimal	14609645
CIE Lab	92.41, -4.43, -2.09
CIE LCh	92, 4.899, 205.272
Yxy	81.6349, 0.3029, 0.3279
Android (android.graphics.Color)	4292799725 (0xFFDEECD)
YUV	231.9280, 2.5005, -8.7069
Hunter-Lab	90.3520, -9.1441, 2.9383

Details

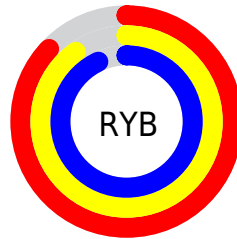
The XYZ color **75.4057, 81.6349, 91.9036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.4979, 76.0532, 79.8618**, and the grayscale version is **76.6364, 80.6274, 87.8033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5981, 44.1942, 50.1066** is the 20% darker color. If you saturate the color by 10%, you get **68.2003, 77.2527, 91.4388**, and if you desaturate by 10%, it is **83.6402, 86.5581, 92.4211**.

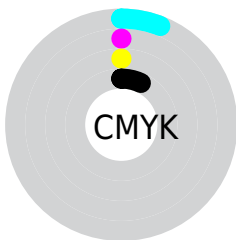
Distribution



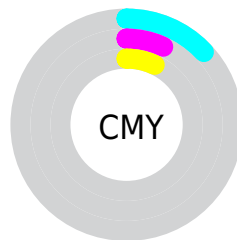
- Red (87%)
- Green (93%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4057, 81.6349, 91.9036 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 75.4057, 81.6349, 91.9036 by changing the saturation by 10% instead.

■ 75.4057, 81.6349,
91.9036

■ 75.4057, 81.6349,
91.9036

468.2866,
500.4256, 554.9330

■ 56.2407, 61.0646,
68.9780

125.8713,
135.6619, 151.9383

■ 40.6337, 44.2773,
50.2221

157.9026,
169.8874, 189.8845

■ 28.2194, 30.8886,
35.2175

194.9534,
209.4335, 233.6746

■ 18.6324, 20.5140,
23.5456

237.3890,
254.6844, 283.7272

■ 11.5074, 12.7692,
14.7878

285.5747,
306.0248, 340.4608

■ 6.4790, 7.2698,
8.5256

339.8760,

■ 3.1819, 3.6314,

363.8388, 404.2939

4.3405

400.6582,
428.5110, 475.6451

■ 1.2507, 1.4696,
1.8140

■ 0.1458, 0.2672,
0.4371

■ 75.4057, 81.6349,
91.9036

■ 75.4057, 81.6349,
91.9036

■ 68.2003, 77.2527,
91.4388

■ 83.6402, 86.5581,
92.4211

■ 61.9745, 73.3791,
91.0192


■ 87.4379, 89.1977,
92.7305


■ 56.6855, 69.9944,
90.6447


■ 87.9012, 90.1243,
92.8849


■ 52.2843, 67.0733,
90.3128


■ 88.3686, 91.0590,
93.0407


 48.7177, 64.5882,
90.0211


 88.8400, 92.0018,
93.1978


 45.9265, 62.5088,
89.7669


 89.3154, 92.9527,
93.3563


 43.8440, 60.8005,
89.5469

 89.7949, 93.9117,
93.5161

 42.3920, 59.4232,
89.3576

 90.2784, 94.8788,
93.6773

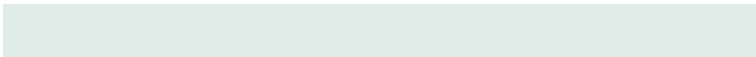
 41.4731, 58.3264,
89.1943

 90.7661, 95.8540,
93.8398

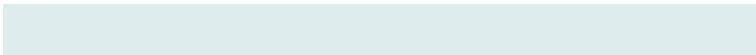
Harmonies

Analogous

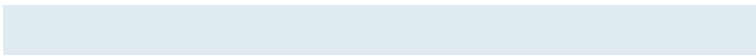
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1849, 81.6349, 88.3117



75.4057, 81.6349, 91.9036



76.2097, 81.6349, 94.7549

Triad

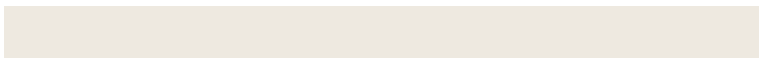
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4057, 81.6349, 91.9036



79.6144, 81.6349, 92.9276



77.7928, 81.6349, 82.1020

Complementary

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



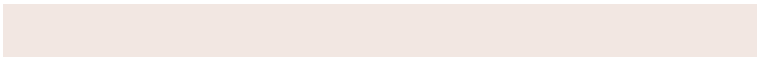
75.4057, 81.6349, 91.9036



74.4979, 76.0532, 79.8618

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.



78.9900, 81.6349, 83.2656



75.4057, 81.6349, 91.9036



80.0489, 81.6349, 89.4638

Square

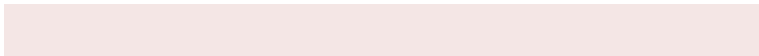
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4057, 81.6349, 91.9036



78.6380, 81.6349, 95.3572



79.8192, 81.6349, 85.9362



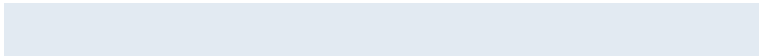
76.5544, 81.6349, 82.7154

Rectangle

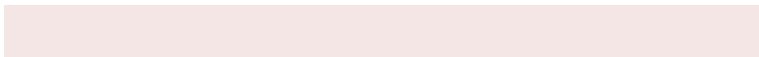
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



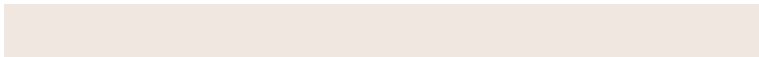
75.4057, 81.6349, 91.9036



76.9728, 81.6349, 95.8183



79.8192, 81.6349, 85.9362



78.2136, 81.6349, 82.2974

Sweetspot

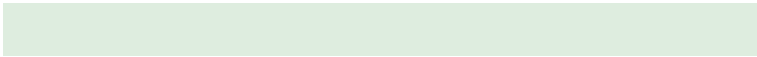
The Sweet Spot groups the original color and five complimentary colors.



75.4080, 81.6384, 91.9054



93.0905, 98.8296, 108.7774



73.6953, 81.4136, 81.4669



19.9457, 21.1659, 23.2841



0.0000, 0.0000, 0.0000



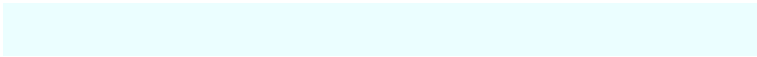
20.3446, 21.4041, 23.3091

Same Dimension

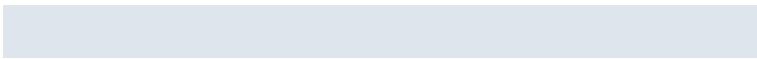
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4080, 81.6384, 91.9054



87.5082, 95.4726, 108.4236



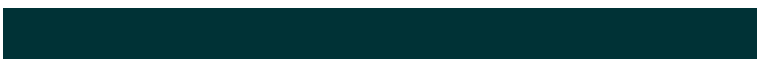
73.3617, 77.5457, 91.2233



15.4270, 16.9405, 19.3790



22.5380, 31.7229, 48.6782



1.7956, 2.5427, 3.8310

Inverse Universe

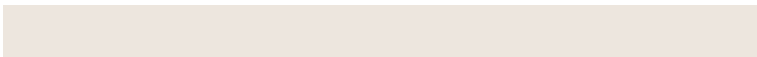
The Inverse Universe completely reimagines the original color for something new.



76.1885, 76.3048, 90.0736



88.6665, 87.5809, 105.6996



76.4776, 80.0127, 80.5217



15.6691, 15.2955, 18.8088



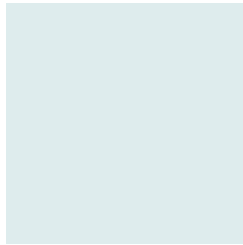
26.2314, 12.6953, 38.6156



2.0728, 1.0021, 3.1010

Previews

White Background



This preview shows how the XYZ color 75.4057, 81.6349, 91.9036 looks on a white background.

Color Contrast Check

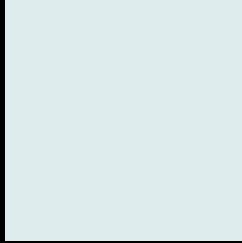
Large Text (above 18pt) WCAG AA × Fail

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 75.4057, 81.6349, 91.9036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

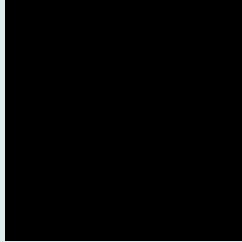
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

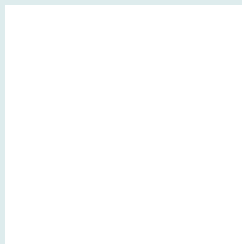
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4057, 81.6349, 91.9036

Background



This preview shows how black text looks on a background with the XYZ color 75.4057, 81.6349, 91.9036.



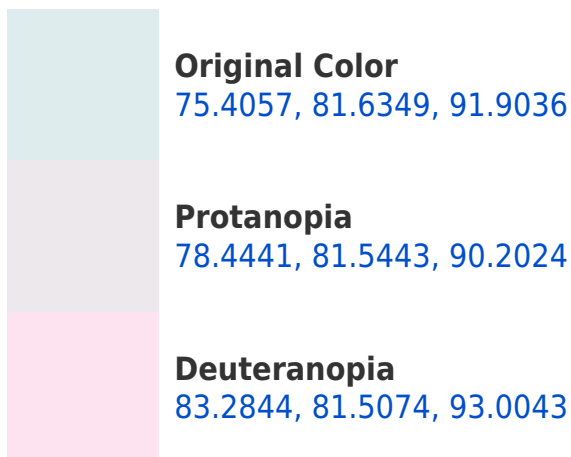
This preview shows how white text looks on a background with the XYZ color 75.4057, 81.6349,

91.9036.

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

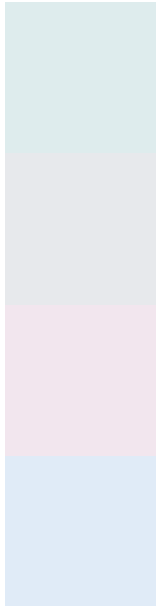




Tritanopia

78.0448, 81.8815, 103.7868

Trichromacy



Original Color

75.4057, 81.6349, 91.9036

Protanomaly

77.2342, 81.3229, 90.9831

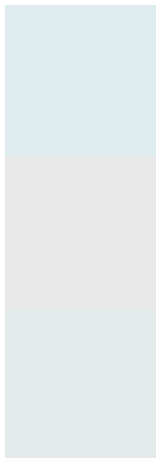
Deuteranomaly

80.3474, 81.6439, 92.4130

Tritanomaly

77.2373, 81.9794, 99.7484

Monochromacy



Original Color

75.4057, 81.6349, 91.9036

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9851, 80.7123, 89.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4057, 81.6349, 91.9036 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(222, 236, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 237)  
}
```

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(222, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.4057, 81.6349, 91.9036 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(222, 236, 237) }
```


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

```
.border{ border-color:rgb(222, 236, 237) }
```

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

Here you see how a box with a 4 pixel rgb(222, 236, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4057, 81.6349, 91.9036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 237) }
```

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

```
.background{ background-color: rgb(222,  
236, 237) }
```

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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