

Converting Colors

XYZ(75.4275, 81.2562, 90.2956)

Have a look what the booklet for
XYZ(75.4275, 81.2562, 90.2956)
contains.

| | |
|--|----|
| XYZ(75.4442, 81.2621, 90.3061) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(75.4442, 81.2621,
90.3061)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E0EBEB |
| RGB | 224, 235, 235 |
| RGB Percent | 88%, 92%, 92% |
| CMY | 0.1216, 0.0784, 0.0784 |
| CMYK | 0.05, 0.00, 0.00, 0.08 |
| HSL | 180°, 22%, 90% |
| HSV | 180°, 5%, 92% |
| XYZ | 75.4442, 81.2621, 90.3061 |
| YIQ | 231.7110, -6.5560, -2.3320 |

Conversions

Conversions Part 2

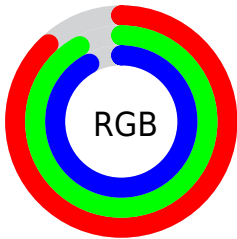
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 224, 230, 235 |
| Decimal | 14740459 |
| CIE Lab | 92.25, -3.64, -1.27 |
| CIE LCh | 92, 3.856, 199.307 |
| Yxy | 81.2621, 0.3054, 0.3290 |
| Android (android.graphics.Color) | 4292930539 (0xFFE0EBEB) |
| YUV | 231.7110, 1.6215, -6.7625 |
| Hunter-Lab | 90.1455, -8.3651, 3.7062 |

Details

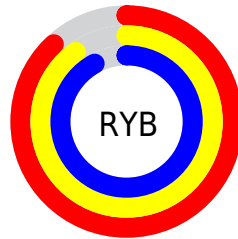
The XYZ color **75.4442, 81.2621, 90.3061** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3741, 76.3575, 81.3434**, and the grayscale version is **76.4794, 80.4623, 87.6235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6190, 43.9299, 48.9863** is the 20% darker color. If you saturate the color by 10%, you get **68.6579, 77.7660, 89.9843**, and if you desaturate by 10%, it is **83.2418, 85.2840, 90.6786**.

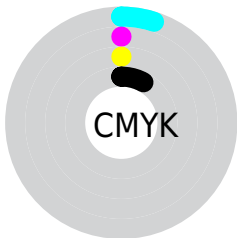
Distribution



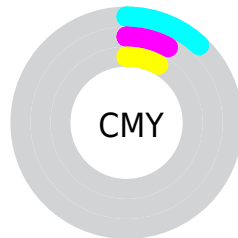
- Red (88%)
- Green (92%)
- Blue (92%)



- Red (88%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4442, 81.2621, 90.3061 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 75.4442, 81.2621, 90.3061 by changing the saturation by 10% instead.

■ 75.4442, 81.2621,
90.3061

■ 75.4442, 81.2621,
90.3061

468.4166,
499.1761, 549.6219

■ 56.2723, 60.7575,
67.6594

125.9255,
135.1387, 149.7027

■ 40.6592, 44.0295,
49.1557

157.9656,
169.2795, 187.2898

■ 28.2394, 30.6937,
34.3766

195.0259,
208.7345, 230.6940

■ 18.6475, 20.3657,
22.9033

237.4716,
253.8881, 280.3339

■ 11.5184, 12.6612,
14.3175

285.6682,
305.1246, 336.6282

■ 6.4865, 7.1956,
8.2006

339.9810,

■ 3.1865, 3.5848,

362.8286, 399.9952

4.1339

400.7754,
427.3842, 470.8536

■ 1.2532, 1.4441,
1.6991

■ 0.1477, 0.2489,
0.3601

■ 75.4442, 81.2621,
90.3061

■ 75.4442, 81.2621,
90.3061

■ 68.6579, 77.7660,
89.9843

■ 83.2418, 85.2840,
90.6786

■ 62.8349, 74.7643,
89.7058

■ 85.9478, 86.6789,
90.8112

■ 57.9336, 72.2377,
89.4705

■ 85.9489, 86.6793,
90.8172

■ 53.9068, 70.1620,
89.2762

■ 85.9500, 86.6798,
90.8231

■ 50.7032, 68.5105,
89.1203

■ 85.9512, 86.6802,
90.8291

■ 48.2658, 67.2542,
89.0003

■ 85.9523, 86.6807,
90.8351

■ 46.5309, 66.3599,
88.9132

■ 85.9534, 86.6812,
90.8411

■ 45.4239, 65.7894,
88.8555

■ 85.9546, 86.6816,
90.8470

■ 44.8539, 65.4957,
88.8229

■ 85.9557, 86.6821,
90.8530

Harmonies

Analogous

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



75.3709, 81.2621, 87.4671



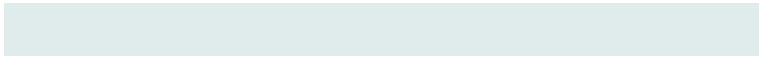
75.4442, 81.2621, 90.3061



75.9955, 81.2621, 92.7039

Triad

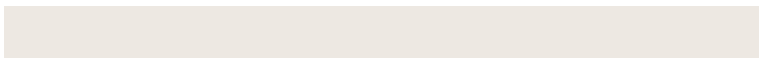
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4442, 81.2621, 90.3061



78.6981, 81.2621, 92.1043



77.5930, 81.2621, 83.2008

Complementary

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



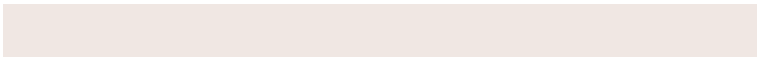
75.4442, 81.2621, 90.3061



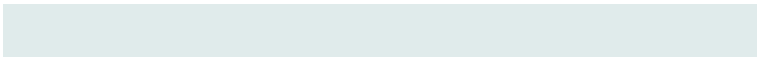
74.3741, 76.3575, 81.3434

Split Complementary

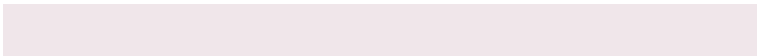
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4923, 81.2621, 84.3876



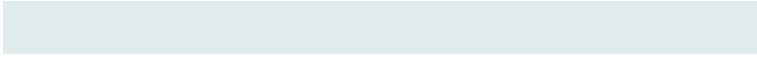
75.4442, 81.2621, 90.3061



79.1340, 81.2621, 89.5020

Square

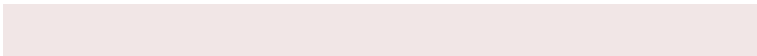
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4442, 81.2621, 90.3061



77.8720, 81.2621, 93.7574



79.0584, 81.2621, 86.6799



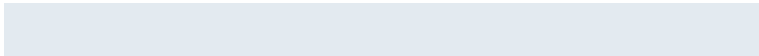
76.6058, 81.2621, 83.4056

Rectangle

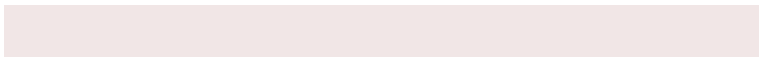
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



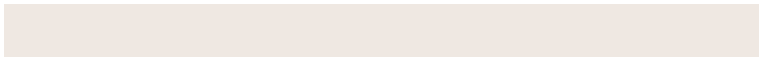
75.4442, 81.2621, 90.3061



76.5626, 81.2621, 93.7103



79.0584, 81.2621, 86.6799



77.9157, 81.2621, 83.4492

Sweetspot

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



75.4465, 81.2656, 90.3079



94.1179, 99.5195, 108.8557



73.9625, 80.6785, 82.1965



20.1549, 21.3063, 23.3001



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

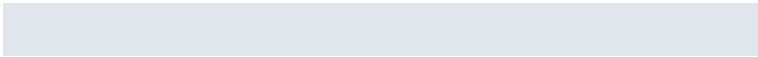
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4465, 81.2656, 90.3079



89.6426, 97.2125, 108.6426



73.9470, 78.2656, 89.8107



15.9423, 17.3408, 19.4283



24.8735, 36.4039, 49.4261



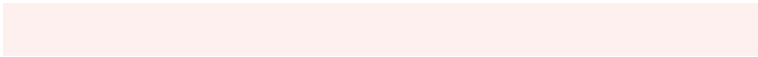
1.9532, 2.8586, 3.8815

Inverse Universe

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



74.3741, 76.3575, 81.3434



87.9962, 89.6774, 94.8802



75.8255, 79.2610, 81.8247



15.6199, 15.8651, 16.7329



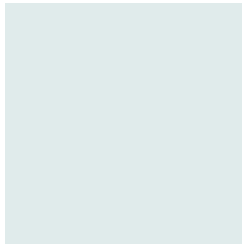
19.0681, 9.8299, 0.8941



1.4974, 0.7719, 0.0706

Previews

White Background



This preview shows how the XYZ color 75.4442, 81.2621, 90.3061 looks on a white background.

Color Contrast Check

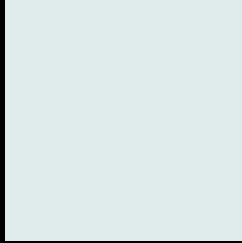
Large Text (above 18pt) WCAG AA × Fail

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 75.4442, 81.2621, 90.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

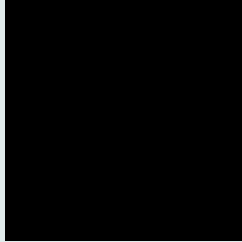
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

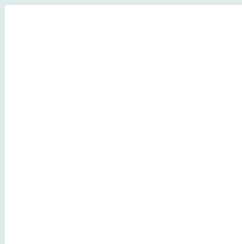
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4442, 81.2621, 90.3061

Background



This preview shows how black text looks on a background with the XYZ color 75.4442, 81.2621, 90.3061.



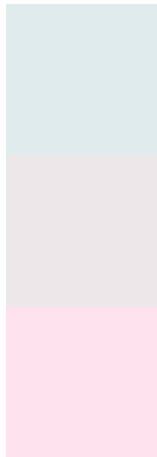
This preview shows how white text looks on a background with the XYZ color 75.4442, 81.2621,

90.3061.

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

75.4442, 81.2621, 90.3061

Protanopia

77.8760, 80.8679, 88.5954

Deuteranopia

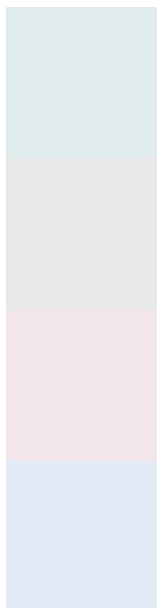
82.7193, 80.8475, 91.3661



Tritanopia

78.2301, 81.5738, 102.8889

Trichromacy



Original Color

75.4442, 81.2621, 90.3061

Protanomaly

76.9866, 80.8095, 89.3821

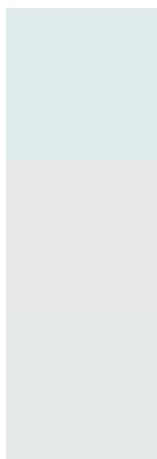
Deuteranomaly

79.7776, 80.9720, 90.7813

Tritanomaly

77.2683, 81.6070, 98.0654

Monochromacy



Original Color

75.4442, 81.2621, 90.3061

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1600, 80.8190, 88.6764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4442, 81.2621, 90.3061 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(224, 235, 235) looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 235)  
}
```

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(224, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.4442, 81.2621, 90.3061 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(224, 235, 235) }
```


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

```
.border{ border-color:rgb(224, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4442, 81.2621, 90.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 235) }
```

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

```
.background{ background-color: rgb(224,  
235, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor