

Converting Colors

XYZ(73.2627, 79.0468, 82.0809)

Have a look what the booklet for
XYZ(73.2627, 79.0468, 82.0809)
contains.

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Color

**XYZ(73.3625, 79.1026,
81.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E8E0
RGB	225, 232, 224
RGB Percent	88%, 91%, 88%
CMY	0.1176, 0.0902, 0.1216
CMYK	0.03, 0.00, 0.03, 0.09
HSL	113°, 15%, 89%
HSV	113°, 3%, 91%
XYZ	73.3625, 79.1026, 81.9227
YIQ	228.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

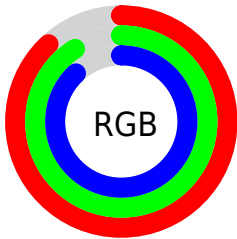
Format	Color
R_{YB}	224, 232, 231
Decimal	14805216
CIE _{Lab}	91.28, -3.77, 3.06
CIE _{LCh}	91, 4.854, 140.891
Yxy	79.1026, 0.3130, 0.3375
Android (android.graphics.Color)	4292995296 (0xFFE1E8E0)
YUV	228.9950, -2.4625, -3.5036
Hunter-Lab	88.9396, -8.4074, 7.6455

Details

The XYZ color **73.3625, 79.1026, 81.9227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1792, 76.1286, 87.1326**, and the grayscale version is **74.4928, 78.3722, 85.3474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2643, 42.4613, 43.6625** is the 20% darker color. If you saturate the color by 10%, you get **64.4713, 74.8604, 66.1872**, and if you desaturate by 10%, it is **83.4402, 83.9114, 99.9581**.

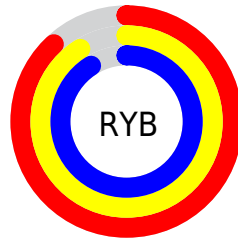
Distribution



Red (88%)

Green (91%)

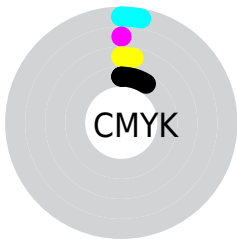
Blue (88%)



Red (88%)

Yellow (91%)

Blue (91%)

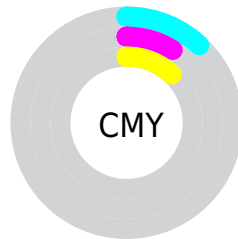


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3625, 79.1026, 81.9227 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 73.3625, 79.1026, 81.9227 by changing the saturation by 10% instead.

■ 73.3625, 79.1026,
81.9227

■ 73.3625, 79.1026,
81.9227

461.3546,
491.9034, 521.2657

■ 54.5619, 58.9802,
60.7664

122.9921,
132.1033, 137.9013

■ 39.2835, 42.5972,
43.6073

154.5517,
165.7503, 173.5607

■ 27.1621, 29.5692,
30.0270

191.0950,
204.6744, 214.8915

■ 17.8322, 19.5118,
19.6069

232.9874,
249.2598, 262.3122

■ 10.9285, 12.0407,
11.9284

280.5942,
299.8910, 316.2415

■ 6.0857, 6.7714,
6.5730

334.2807,

■ 2.9384, 3.3195,

356.9524, 377.0978

3.1221

394.4124,
420.8284, 445.2997

■ 1.1213, 1.3007,
1.1573

■ 0.0428, 0.1418,
0.0000

■ 73.3625, 79.1026,
81.9227

■ 73.3625, 79.1026,
81.9227

■ 64.4713, 74.8604,
66.1872

■ 83.4402, 83.9114,
99.9581

■ 56.7163, 71.1541,
52.6543

■ 88.1481, 86.1963,
106.5994

■ 50.0536, 67.9653,
41.2273

■ 44.4338, 65.2710,
31.8003

■ 39.8035, 63.0462,
24.2583

■ 36.1049, 61.2636,
18.4745

■ 33.2738, 59.8935,
14.3067

■ 31.2378, 58.9019,
11.5903

■ 29.9121, 58.2495,
10.1261

Harmonies

Analogous

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



74.3436, 79.1026, 79.9487



73.3625, 79.1026, 81.9227



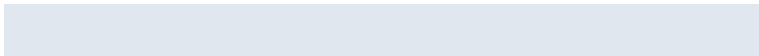
72.8711, 79.1026, 85.0604

Triad

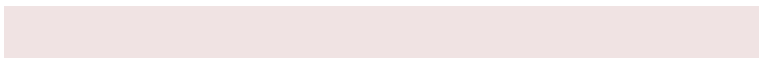
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3625, 79.1026, 81.9227



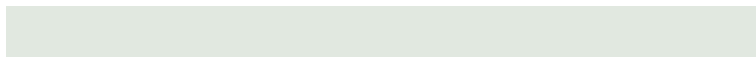
74.8105, 79.1026, 92.9991



77.4183, 79.1026, 83.7340

Complementary

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



73.3625, 79.1026, 81.9227



74.1792, 76.1286, 87.1326

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.



77.5466, 79.1026, 87.2071



73.3625, 79.1026, 81.9227



76.0321, 79.1026, 92.6204

Square

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



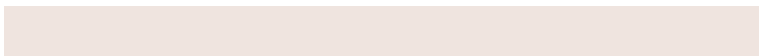
73.3625, 79.1026, 81.9227



73.7011, 79.1026, 91.4984



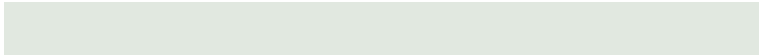
77.0367, 79.1026, 90.4775



76.6880, 79.1026, 80.9745

Rectangle

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



73.3625, 79.1026, 81.9227



72.8837, 79.1026, 87.4168



77.0367, 79.1026, 90.4775



77.5336, 79.1026, 84.8545

Sweetspot

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



73.3647, 79.1060, 81.9244



93.8259, 99.4161, 106.7139



75.2939, 79.6559, 81.9289



20.0955, 21.2853, 22.8642



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

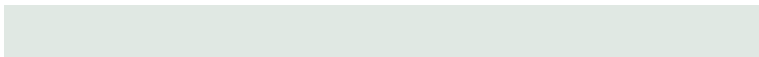
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3647, 79.1060, 81.9244



90.2430, 97.7066, 100.3292



73.4555, 79.1064, 84.0246



15.2600, 16.6066, 16.8726



16.3576, 32.2141, 5.3558



1.2636, 2.4088, 0.3983

Inverse Universe

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



74.1792, 76.1286, 87.1326



91.4147, 93.4230, 107.8221



74.0893, 76.1300, 84.9702



15.4939, 15.7516, 18.3681



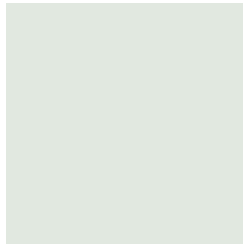
21.8356, 10.3225, 43.2248



1.6635, 0.7885, 3.1965

Previews

White Background



This preview shows how the XYZ color 73.3625, 79.1026, 81.9227 looks on a white background.

Color Contrast Check

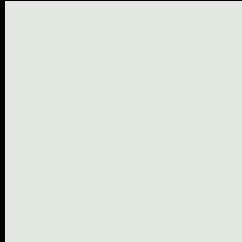
Large Text (above 18pt) WCAG AA × Fail

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 73.3625, 79.1026, 81.9227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

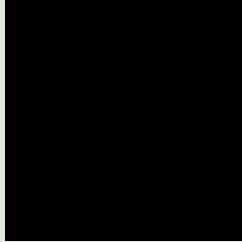
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

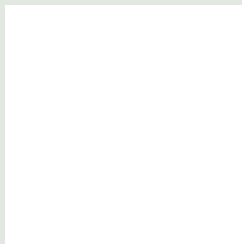
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3625, 79.1026, 81.9227

Background



This preview shows how black text looks on a background with the XYZ color 73.3625, 79.1026, 81.9227.



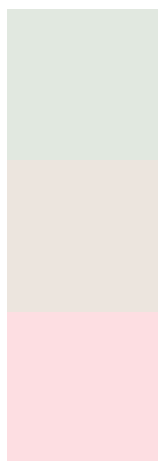
This preview shows how white text looks on a background with the XYZ color 73.3625, 79.1026, 81.9227.

81.9227.

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

73.3625, 79.1026, 81.9227

Protanopia

75.7962, 79.1454, 80.3889

Deuteranopia

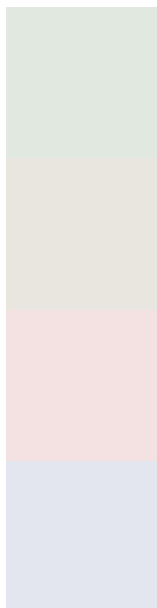
80.3568, 78.6162, 82.8907



Tritanopia

77.1209, 79.4120, 99.2590

Trichromacy



Original Color

73.3625, 79.1026, 81.9227

Protanomaly

74.8948, 79.0771, 81.1281

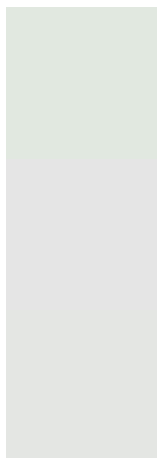
Deuteranomaly

77.7491, 78.8836, 82.3624

Tritanomaly

75.8717, 79.3196, 92.9727

Monochromacy



Original Color

73.3625, 79.1026, 81.9227

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1569, 78.6337, 83.9424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3625, 79.1026, 81.9227 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, 232, 224) looks like.

```
.text, #text, p{  
    color:rgb(225, 232, 224)  
}
```

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, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 232, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.3625, 79.1026, 81.9227 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, 232, 224) }
```


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

```
.border{ border-color:rgb(225, 232, 224) }
```

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

Here you see how a box with a 4 pixel rgb(225, 232, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 232,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3625, 79.1026, 81.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 232, 224) }
```

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

```
.background{ background-color: rgb(225,  
232, 224) }
```

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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