

Converting Colors

XYZ(73.4640, 78.5224, 80.3925)

Have a look what the booklet for
XYZ(73.4640, 78.5224, 80.3925)
contains.

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Color

**XYZ(73.4765, 78.3615,
80.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E6DE
RGB	228, 230, 222
RGB Percent	89%, 90%, 87%
CMY	0.1059, 0.0980, 0.1294
CMYK	0.01, 0.00, 0.03, 0.10
HSL	75°, 14%, 89%
HSV	75°, 3%, 90%
XYZ	73.4765, 78.3615, 80.3599
YIQ	228.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

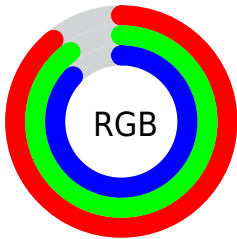
Format	Color
R _Y B	222, 230, 224
Decimal	15001310
CIE Lab	90.94, -2.08, 3.65
CIE LCh	91, 4.198, 119.704
Yxy	78.3615, 0.3164, 0.3375
Android (android.graphics.Color)	4293191390 (0xFFE4E6DE)
YUV	228.4900, -3.1996, -0.4297
Hunter-Lab	88.5220, -6.7521, 8.1422

Details

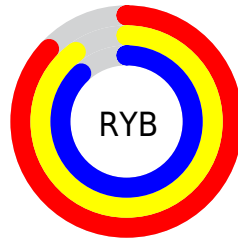
The XYZ color **73.4765, 78.3615, 80.3599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1477, 73.8051, 85.3629**, and the grayscale version is **74.1255, 77.9858, 84.9265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5386, 42.3342, 42.6466** is the 20% darker color. If you saturate the color by 10%, you get **68.8056, 76.2881, 65.1321**, and if you desaturate by 10%, it is **78.6333, 80.6413, 97.8089**.

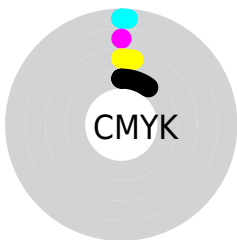
Distribution



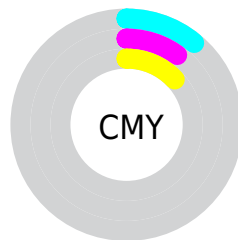
- Red (89%)
- Green (90%)
- Blue (87%)



- Red (87%)
- Yellow (90%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4765, 78.3615, 80.3599 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 73.4765, 78.3615, 80.3599 by changing the saturation by 10% instead.

■ 73.4765, 78.3615,
80.3599

■ 73.4765, 78.3615,
80.3599

461.7429,
489.3937, 515.8836

■ 54.6554, 58.3710,
59.4867

123.1529,
131.0596, 135.6876

■ 39.3587, 42.1070,
42.5824

154.7390,
164.5360, 170.9791

■ 27.2208, 29.1851,
29.2286

191.3108,
203.2764, 211.9138

■ 17.8766, 19.2209,
19.0068

233.2336,
247.6654, 258.9102

■ 10.9606, 11.8300,
11.4983

280.8729,
298.0871, 312.3868

■ 6.1074, 6.6280,
6.2847

334.5940,

■ 2.9518, 3.2306,

354.9262, 372.7622

2.9474

394.7622,
418.5669, 440.4550

■ 1.1283, 1.2533,
1.0678

■ 0.0486, 0.1046,
0.0000

■ 73.4765, 78.3615,
80.3599

■ 73.4765, 78.3615,
80.3599

■ 68.8056, 76.2881,
65.1321

■ 78.6333, 80.6413,
97.8089

■ 64.5965, 74.4038,
52.0314

■ 82.1208, 82.2581,
106.1569

■ 60.8327, 72.7046,
40.9642

■ 84.1022, 83.2795,
106.2496

■ 57.4943, 71.1823,
31.8282

■ 86.1461, 84.3332,
106.3453

■ 54.5595, 69.8282,
24.5122

■ 87.5883, 85.0767,
106.4128

■ 52.0043, 68.6327,
18.8937

■ 49.8021, 67.5850,
14.8349

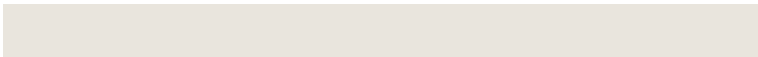
■ 47.9220, 66.6726,
12.1768

■ 46.3266, 65.8806,
10.7264

Harmonies

Analogous

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



74.4908, 78.3615, 79.6264



73.4765, 78.3615, 80.3599



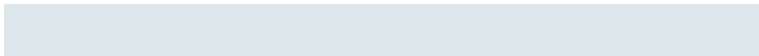
72.7371, 78.3615, 82.4161

Triad

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



73.4765, 78.3615, 80.3599



73.4584, 78.3615, 90.4537



76.5337, 78.3615, 85.3525

Complementary

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



73.4765, 78.3615, 80.3599



71.1477, 73.8051, 85.3629

Split Complementary

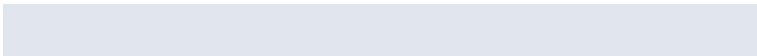
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2511, 78.3615, 88.2961



73.4765, 78.3615, 80.3599



74.4697, 78.3615, 91.2836

Square

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



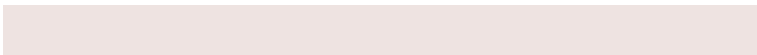
73.4765, 78.3615, 80.3599



72.7267, 78.3615, 88.2427



75.4931, 78.3615, 90.4850



76.2617, 78.3615, 82.4671

Rectangle

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



73.4765, 78.3615, 80.3599



72.4961, 78.3615, 84.2850



75.4931, 78.3615, 90.4850



76.5003, 78.3615, 86.3682

Sweetspot

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



73.4787, 78.3649, 80.3616



94.4076, 99.7159, 106.7411



72.4763, 75.4106, 79.8442



20.2139, 21.3463, 22.8697



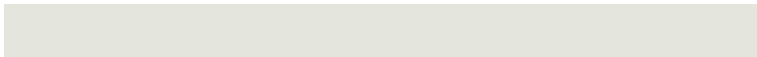
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.4787, 78.3649, 80.3616



92.5175, 98.8792, 100.4356



72.2247, 77.7184, 80.3029



15.7137, 16.8404, 16.8939



25.8201, 37.0923, 5.7987



1.9916, 2.7841, 0.4324

Inverse Universe

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



71.1477, 73.8051, 85.3629



89.1247, 92.2425, 107.7149



72.4018, 74.4516, 85.4216



15.0366, 15.5159, 18.3467



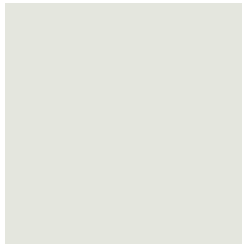
9.1551, 3.7855, 42.6313



0.7602, 0.3228, 3.1542

Previews

White Background



This preview shows how the XYZ color 73.4765, 78.3615, 80.3599 looks on a white background.

Color Contrast Check

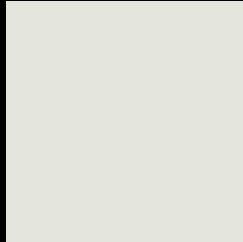
Large Text (above 18pt) WCAG AA × Fail

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 73.4765, 78.3615, 80.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

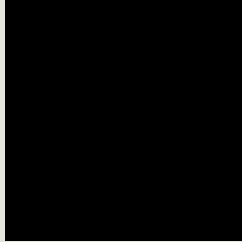
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

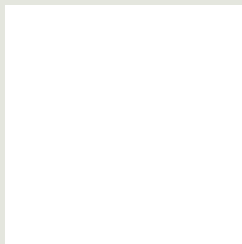
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4765, 78.3615, 80.3599

Background



This preview shows how black text looks on a background with the XYZ color 73.4765, 78.3615, 80.3599.



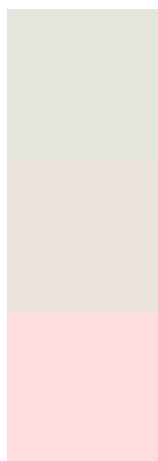
This preview shows how white text looks on a background with the XYZ color 73.4765, 78.3615,

80.3599.

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

73.4765, 78.3615, 80.3599

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

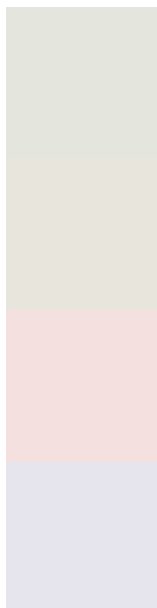
79.8190, 77.9774, 81.3652



Tritanopia

76.7532, 78.4587, 96.6867

Trichromacy



Original Color

73.4765, 78.3615, 80.3599

Protanomaly

74.3492, 78.4149, 79.6236

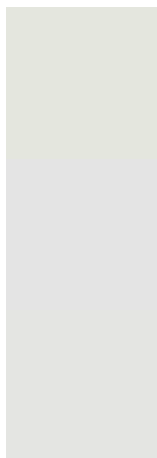
Deuteranomaly

77.2832, 77.8721, 80.7696

Tritanomaly

75.5169, 78.3659, 90.5029

Monochromacy



Original Color

73.4765, 78.3615, 80.3599

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7417, 78.0236, 83.1250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4765, 78.3615, 80.3599 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(228, 230, 222) looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 222)  
}
```

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(228, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.4765, 78.3615, 80.3599 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(228, 230, 222) }
```


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

```
.border{ border-color:rgb(228, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4765, 78.3615, 80.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 222) }
```

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

```
.background{ background-color: rgb(228,  
230, 222) }
```

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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