

Converting Colors

XYZ(73.6595, 75.5226, 81.4597)

Have a look what the booklet for
XYZ(73.6595, 75.5226, 81.4597)
contains.

XYZ(73.7739, 75.6496, 81.2345)	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(73.7739, 75.6496,
81.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	EADFE0
RGB	234, 223, 224
RGB Percent	92%, 87%, 88%
CMY	0.0823, 0.1255, 0.1216
CMYK	0.00, 0.05, 0.04, 0.08
HSL	355°, 21%, 90%
HSV	355°, 5%, 92%
XYZ	73.7739, 75.6496, 81.2345
YIQ	226.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

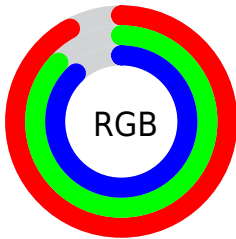
Format	Color
R_{YB}	234, 223, 224
Decimal	15392736
CIE Lab	89.70, 3.92, 0.84
CIE LCh	90, 4.008, 12.113
Yxy	75.6496, 0.3198, 0.3280
Android (android.graphics.Color)	4293582816 (0xFFEADFE0)
YUV	226.4030, -1.1847, 6.6626
Hunter-Lab	86.9768, -0.8053, 5.5081

Details

The XYZ color **73.7739, 75.6496, 81.2345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5651, 80.4187, 88.6872**, and the grayscale version is **72.5874, 76.3675, 83.1643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5242, 40.3348, 43.2384** is the 20% darker color. If you saturate the color by 10%, you get **65.2414, 62.9172, 65.0313**, and if you desaturate by 10%, it is **83.5360, 90.2611, 99.6316**.

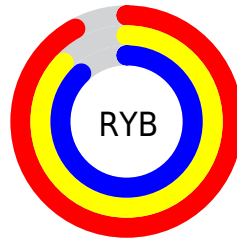
Distribution



Red (92%)

Green (87%)

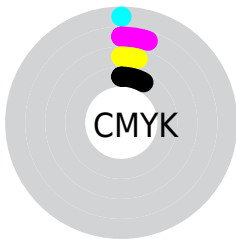
Blue (88%)



Red (92%)

Yellow (87%)

Blue (88%)

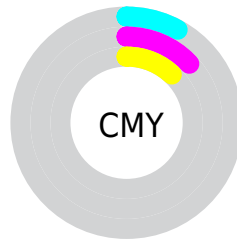


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7739, 75.6496, 81.2345 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 73.7739, 75.6496, 81.2345 by changing the saturation by 10% instead.

73.7739, 75.6496,
81.2345

73.7739, 75.6496,
81.2345

462.7550,
480.1474, 518.8996

54.8996, 56.1452,
60.2026

123.5725,
127.2315, 136.9270

39.5549, 40.3194,
43.1556

155.2275,
160.0778, 172.4247

27.3743, 27.7876,
29.6749

191.8734,
198.1402, 213.5815

17.9926, 18.1656,
19.3420

233.8757,
241.8030, 260.8158

11.0443, 11.0690,
11.7384

281.5996,
291.4508, 314.5462

6.1642, 6.1132,
6.4454

335.4106,

2.9868, 2.9141,

347.4679, 375.1913

3.0446

395.6740,
410.2386, 443.1696

■ 1.1468, 1.0870,
1.1175

■ 0.0637, 0.0000,
0.0000

■ 73.7739, 75.6496,
81.2345

■ 73.7739, 75.6496,
81.2345

■ 65.2414, 62.9172,
65.0313

■ 83.5360, 90.2611,
99.6316

■ 57.8835, 51.9782,
50.9352

■ 87.7421, 96.2326,
108.5580

■ 51.6506, 42.7550,
38.8611

■ 46.4872, 35.1606,
28.7162

■ 42.3328, 29.1002,
20.4003

■ 39.1212, 24.4692,
13.8042

■ 36.7779, 21.1502,
8.8071

■ 35.2172, 19.0067,
5.2725

■ 34.3358, 17.8724,
3.0406

Harmonies

Analogous

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



73.7236, 75.6496, 84.0499



73.7739, 75.6496, 81.2345



73.3195, 75.6496, 78.7789

Triad

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



73.7739, 75.6496, 81.2345



70.6377, 75.6496, 78.4037



71.3215, 75.6496, 87.6501

Complementary

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



73.7739, 75.6496, 81.2345



74.5651, 80.4187, 88.6872

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.



70.5043, 75.6496, 86.0677



73.7739, 75.6496, 81.2345



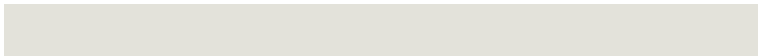
70.1120, 75.6496, 80.7117

Square

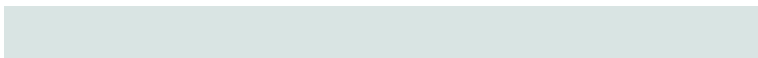
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



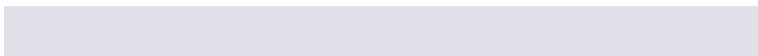
73.7739, 75.6496, 81.2345



71.5052, 75.6496, 77.1698



70.0634, 75.6496, 83.5151



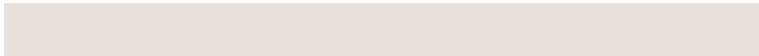
72.3016, 75.6496, 87.7978

Rectangle

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



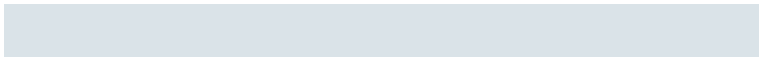
73.7739, 75.6496, 81.2345



72.7938, 75.6496, 77.6592



70.0634, 75.6496, 83.5151



71.0188, 75.6496, 87.2667

Sweetspot

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



73.7760, 75.6529, 81.2361



93.8707, 98.2353, 106.6761



74.8128, 76.0260, 88.5743



20.1046, 21.0450, 22.8565



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

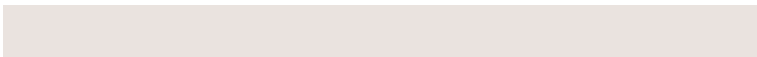
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7760, 75.6529, 81.2361



88.2018, 89.7597, 95.9629



74.8318, 77.9800, 80.9236



15.6600, 15.8811, 16.9441



19.1643, 9.8684, 1.4007



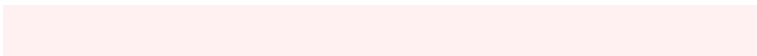
1.5239, 0.7825, 0.2100

Inverse Universe

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



73.7760, 75.6529, 81.2361



88.2018, 89.7597, 95.9629



73.4711, 78.0024, 89.0265



15.6600, 15.8811, 16.9441



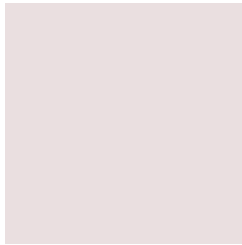
19.1643, 9.8684, 1.4007



1.5239, 0.7825, 0.2100

Previews

White Background



This preview shows how the XYZ color 73.7739, 75.6496, 81.2345 looks on a white background.

Color Contrast Check

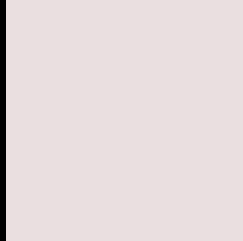
Large Text (above 18pt) WCAG AA × Fail

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 73.7739, 75.6496, 81.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

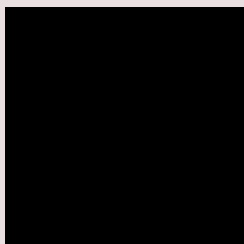
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

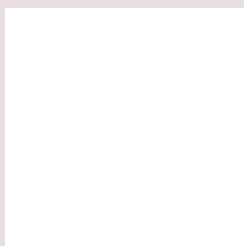
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7739, 75.6496, 81.2345

Background



This preview shows how black text looks on a background with the XYZ color 73.7739, 75.6496, 81.2345.



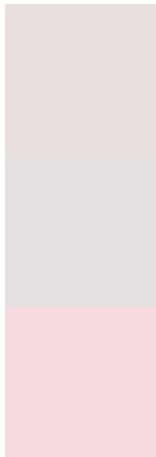
This preview shows how white text looks on a background with the XYZ color 73.7739, 75.6496,

81.2345.

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

73.7739, 75.6496, 81.2345

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

77.0198, 75.3532, 81.7194



Tritanopia

75.8811, 75.7188, 91.5047

Trichromacy



Original Color

73.7739, 75.6496, 81.2345

Protanomaly

73.2013, 75.7365, 81.9946

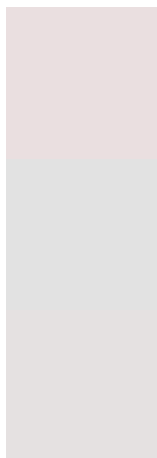
Deuteranomaly

75.8018, 75.4999, 81.8119

Tritanomaly

75.0902, 75.7879, 87.7616

Monochromacy



Original Color

73.7739, 75.6496, 81.2345

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8289, 75.9447, 82.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7739, 75.6496, 81.2345 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(234, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 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(234, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.7739, 75.6496, 81.2345 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(234, 223, 224) }
```


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

```
.border{ border-color:rgb(234, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7739, 75.6496, 81.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 224) }
```

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

```
.background{ background-color: rgb(234,  
223, 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](#).

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