

Converting Colors

XYZ(74.0535, 72.2087, 89.6657)

Have a look what the booklet for
XYZ(74.0535, 72.2087, 89.6657)
contains.

XYZ(73.7790, 71.9821, 89.3623)	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(73.7790, 71.9821,
89.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD6EC
RGB	236, 214, 236
RGB Percent	93%, 84%, 93%
CMY	0.0745, 0.1608, 0.0745
CMYK	0.00, 0.09, 0.00, 0.07
HSL	300°, 37%, 88%
HSV	300°, 9%, 93%
XYZ	73.7790, 71.9821, 89.3623
YIQ	223.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

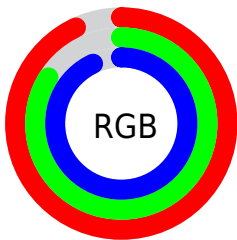
Format	Color
R _{YB}	236, 214, 236
Decimal	15521516
CIE _{Lab}	87.96, 11.41, -8.01
CIE _{LCh}	88, 13.945, 324.934
Yxy	71.9821, 0.3138, 0.3061
Android (android.graphics.Color)	4293711596 (0xFFECD6EC)
YUV	223.0860, 6.3666, 11.3256
Hunter-Lab	84.8423, 6.7500, -3.0591

Details

The XYZ color **73.7790, 71.9821, 89.3623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8674, 79.1442, 75.2160**, and the grayscale version is **70.1553, 73.8088, 80.3778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4587, 37.7949, 48.3955** is the 20% darker color. If you saturate the color by 10%, you get **68.2345, 60.8920, 87.5148**, and if you desaturate by 10%, it is **80.1930, 84.8090, 91.5014**.

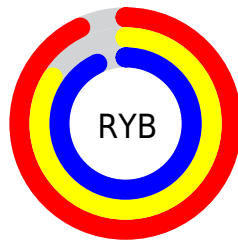
Distribution



Red (93%)

Green (84%)

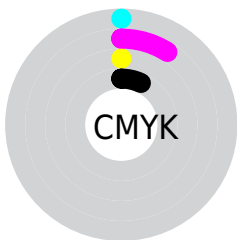
Blue (93%)



Red (93%)

Yellow (84%)

Blue (93%)

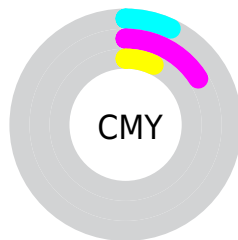


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7790, 71.9821, 89.3623 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 73.7790, 71.9821, 89.3623 by changing the saturation by 10% instead.

73.7790, 71.9821,
89.3623

73.7790, 71.9821,
89.3623

462.7724,
467.4793, 546.4707

54.9038, 53.1441,
66.8811

123.5797,
122.0311, 148.3801

39.5583, 37.9178,
48.5270

155.2358,
154.0108, 185.7537

27.3770, 25.9189,
33.8815

191.8831,
191.1399, 228.9286

17.9946, 16.7630,
22.5260

233.8867,
233.8027, 278.3233

11.0458, 10.0656,
14.0419

281.6121,
282.3837, 334.3563

6.1651, 5.4425,
8.0107

335.4246,

2.9874, 2.5092,

337.2671, 397.4462

4.0139

395.6896,
398.8376, 468.0115

■ 1.1471, 0.8812,
1.6330

■ 0.0640, 0.0000,
0.3142

■ 73.7790, 71.9821,
89.3623

■ 73.7790, 71.9821,
89.3623

■ 68.2345, 60.8920,
87.5148

■ 80.1930, 84.8090,
91.5014

■ 63.5161, 51.4554,
85.9418

■ 85.4933, 95.4094,
93.2683

■ 59.5863, 43.5958,
84.6317

■ 85.4933, 95.4094,
93.2685

■ 56.4020, 37.2273,
83.5700

■ 85.4933, 95.4094,
93.2687

■ 53.9163, 32.2559,
82.7413

■ 85.4934, 95.4095,
93.2689

■ 52.0765, 28.5765,
82.1278

■ 85.4934, 95.4095,
93.2692

■ 50.8230, 26.0695,
81.7098

■ 85.4935, 95.4095,
93.2694

■ 50.0849, 24.5933,
81.4635

■ 85.4935, 95.4095,
93.2696

■ 49.7502, 23.9240,
81.3518

■ 85.4935, 95.4095,
93.2698

Harmonies

Analogous

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



71.1450, 71.9821, 96.1614



73.7790, 71.9821, 89.3623



74.9783, 71.9821, 80.0026

Triad

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



73.7790, 71.9821, 89.3623



68.9824, 71.9821, 61.5308



62.7869, 71.9821, 86.3437

Complementary

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



73.7790, 71.9821, 89.3623



69.8674, 79.1442, 75.2160

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.



62.2497, 71.9821, 76.7721



73.7790, 71.9821, 89.3623



65.7593, 71.9821, 62.9315

Square

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



73.7790, 71.9821, 89.3623



72.1524, 71.9821, 64.3372



63.3210, 71.9821, 68.3297



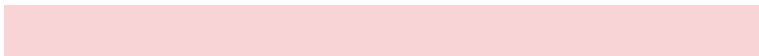
64.8125, 71.9821, 94.3222

Rectangle

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



73.7790, 71.9821, 89.3623



74.7757, 71.9821, 73.7560



63.3210, 71.9821, 68.3297



62.4291, 71.9821, 83.1856

Sweetspot

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



73.7811, 71.9852, 89.3639



92.6579, 95.2158, 108.1026



66.9216, 68.4490, 89.0430



19.6992, 20.1134, 23.0939



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.



73.7811, 71.9852, 89.3639



86.7454, 83.3908, 106.1315



72.2317, 71.3654, 81.2046



15.7149, 15.3138, 19.0498



27.4132, 13.1680, 44.8387



2.1526, 1.0340, 3.5209

Inverse Universe

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



73.7811, 71.9852, 89.3639



86.7454, 83.3908, 106.1315



71.3202, 79.7253, 82.8662



15.7149, 15.3138, 19.0498



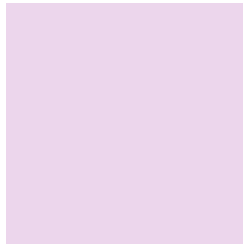
27.4132, 13.1680, 44.8387



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 73.7790, 71.9821, 89.3623 looks on a white background.

Color Contrast Check

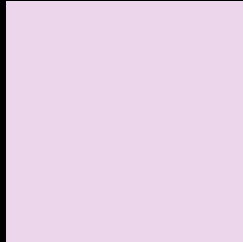
Large Text (above 18pt) WCAG AA × Fail

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 73.7790, 71.9821, 89.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

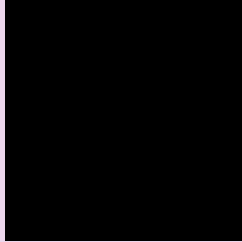
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7790, 71.9821, 89.3623

Background



This preview shows how black text looks on a background with the XYZ color 73.7790, 71.9821, 89.3623.



This preview shows how white text looks on a background with the XYZ color 73.7790, 71.9821,

89.3623.

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

73.7790, 71.9821, 89.3623

Protanopia

70.1249, 71.9551, 91.8541

Deuteranopia

73.4478, 71.8114, 89.3468



Tritanopia

73.1269, 72.0892, 86.4043

Trichromacy



Original Color

73.7790, 71.9821, 89.3623

Protanomaly

71.2968, 71.8063, 90.9912

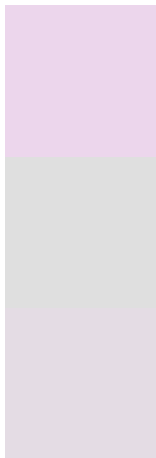
Deuteranomaly

73.4478, 71.8114, 89.3468

Tritanomaly

73.2694, 72.1462, 87.1547

Monochromacy



Original Color

73.7790, 71.9821, 89.3623

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5917, 73.2818, 83.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7790, 71.9821, 89.3623 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(236, 214, 236) looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 236)  
}
```

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(236, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.7790, 71.9821, 89.3623 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(236, 214, 236) }
```


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

```
.border{ border-color:rgb(236, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 214,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7790, 71.9821, 89.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 236) }
```

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

```
.background{ background-color: rgb(236,  
214, 236) }
```

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