

Converting Colors

XYZ(73.1403, 73.9385, 77.7524)

Have a look what the booklet for
XYZ(73.1403, 73.9385, 77.7524)
contains.

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Color

**XYZ(73.0428, 73.7820,
77.4094)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBDB
RGB	237, 219, 219
RGB Percent	93%, 86%, 86%
CMY	0.0706, 0.1412, 0.1412
CMYK	0.00, 0.08, 0.08, 0.07
HSL	0°, 33%, 89%
HSV	0°, 8%, 93%
XYZ	73.0428, 73.7820, 77.4094
YIQ	224.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

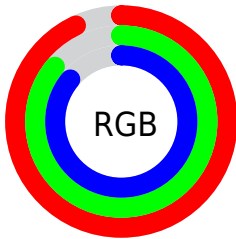
Format	Color
R _Y B	237, 219, 219
Decimal	15588315
CIE Lab	88.82, 6.18, 2.22
CIE LCh	89, 6.563, 19.787
Yxy	73.7820, 0.3257, 0.3290
Android (android.graphics.Color)	4293778395 (0xFFEDDBDB)
YUV	224.3820, -2.6533, 11.0660
Hunter-Lab	85.8964, 1.4703, 6.6957

Details

The XYZ color **73.0428, 73.7820, 77.4094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7836, 81.7417, 91.9581**, and the grayscale version is **71.1395, 74.8443, 81.5055**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0324, 39.0550, 40.6031** is the 20% darker color. If you saturate the color by 10%, you get **64.3948, 61.1281, 60.2135**, and if you desaturate by 10%, it is **83.0192, 88.3798, 97.2414**.

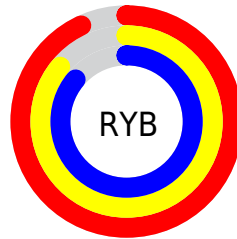
Distribution



Red (93%)

Green (86%)

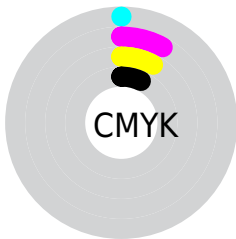
Blue (86%)



Red (93%)

Yellow (86%)

Blue (86%)

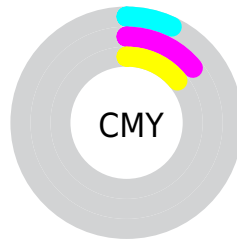


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0428, 73.7820, 77.4094 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 73.0428, 73.7820, 77.4094 by changing the saturation by 10% instead.

73.0428, 73.7820,
77.4094

73.0428, 73.7820,
77.4094

460.2646,
473.7206, 505.6334

54.2995, 54.6156,
57.0754

122.5408,
124.5867, 131.4955

39.0727, 39.0941,
40.6560

154.0261,
156.9939, 166.0847

26.9973, 26.8329,
27.7327

190.4895,
194.5834, 206.2627

17.7078, 17.4478,
17.8870

232.2963,
237.7397, 252.4480

10.8388, 10.5543,
10.7003

279.8119,
286.8472, 305.0592

6.0250, 5.7680,
5.7540

333.4015,

2.9011, 2.7045,

342.2903, 364.5148

2.6297

393.4307,
404.4533, 431.2334

■ 1.1017, 0.9795,
0.9078

■ 0.0265, 0.0000,
0.0000

■ 73.0428, 73.7820,
77.4094

■ 73.0428, 73.7820,
77.4094

■ 64.3948, 61.1281,
60.2135

■ 83.0192, 88.3798,
97.2414

■ 57.0132, 50.3270,
45.5384

■ 88.7355, 96.7448,
108.6045

■ 50.8405, 41.2947,
33.2670

■ 45.8123, 33.9371,
23.2714

■ 41.8584, 28.1511,
15.4116

■ 38.9005, 23.8226,
9.5323

■ 36.8500, 20.8218,
5.4571

■ 35.6027, 18.9962,
2.9787

■ 35.0192, 18.1421,
1.8197

Harmonies

Analogous

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



73.1785, 73.7820, 81.8980



73.0428, 73.7820, 77.4094



72.1193, 73.7820, 73.8358

Triad

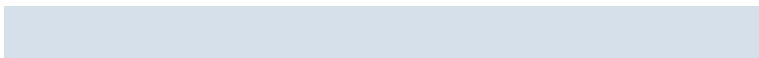
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0428, 73.7820, 77.4094



67.8195, 73.7820, 74.8165



69.5871, 73.7820, 89.2616

Complementary

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



73.0428, 73.7820, 77.4094



74.7836, 81.7417, 91.9581

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.



68.1729, 73.7820, 87.2071



73.0428, 73.7820, 77.4094



67.1626, 73.7820, 78.7941

Square

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



73.0428, 73.7820, 77.4094



69.0981, 73.7820, 72.3784



67.2910, 73.7820, 83.3356



71.1672, 73.7820, 88.8566

Rectangle

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



73.0428, 73.7820, 77.4094



71.1888, 73.7820, 72.3992



67.2910, 73.7820, 83.3356



69.0769, 73.7820, 88.8327

Sweetspot

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



73.0449, 73.7852, 77.4110



92.6345, 96.4656, 104.0977



75.5437, 74.7831, 90.5749



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



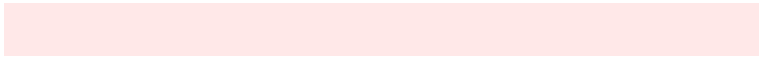
20.3446, 21.4041, 23.3091

Same Dimension

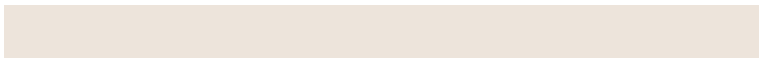
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0449, 73.7852, 77.4110



84.6847, 84.8333, 88.2923



75.4557, 78.6069, 78.2146



15.0658, 15.0546, 15.6305



19.0682, 9.8307, 0.8925



1.4974, 0.7721, 0.0701

Inverse Universe

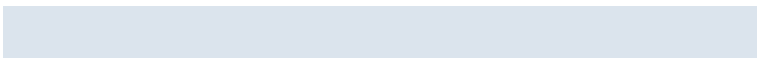
The Inverse Universe completely reimagines the original color for something new.



74.7836, 81.7417, 91.9581



87.1033, 95.9009, 108.5276



72.2440, 76.6624, 91.1115



15.5174, 17.1213, 19.4091



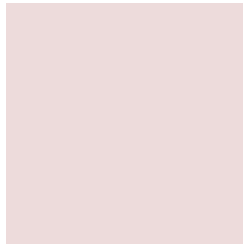
24.8715, 36.3900, 49.4561



1.9531, 2.8577, 3.8835

Previews

White Background



This preview shows how the XYZ color 73.0428, 73.7820, 77.4094 looks on a white background.

Color Contrast Check

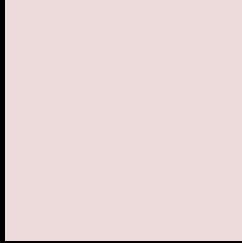
Large Text (above 18pt) WCAG AA × Fail

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 73.0428, 73.7820, 77.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

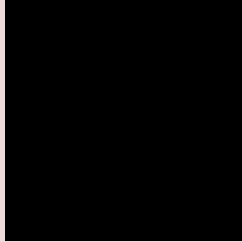
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

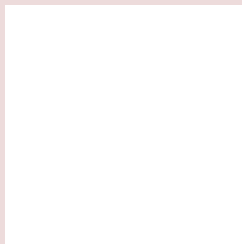
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0428, 73.7820, 77.4094

Background



This preview shows how black text looks on a background with the XYZ color 73.0428, 73.7820, 77.4094.



This preview shows how white text looks on a background with the XYZ color 73.0428, 73.7820,

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

73.0428, 73.7820, 77.4094

Protanopia

70.8510, 73.7939, 78.9160

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

73.0428, 73.7820, 77.4094

Protanomaly

71.7297, 73.8691, 78.1878

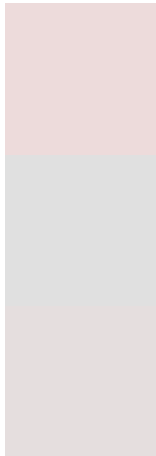
Deuteranomaly

74.6933, 73.8477, 78.0274

Tritanomaly

74.4742, 73.9771, 84.4825

Monochromacy



Original Color

73.0428, 73.7820, 77.4094

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6192, 74.1745, 79.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0428, 73.7820, 77.4094 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(237, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 219)  
}
```

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(237, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.0428, 73.7820, 77.4094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

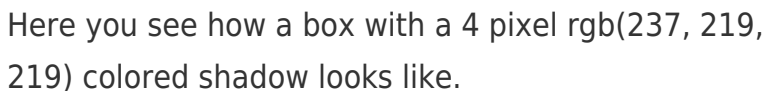
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 219, 219) }
```


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

```
.border{ border-color:rgb(237, 219, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 219, 219); box-shadow:4px 4px 4px 4px rgb(237, 219, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0428, 73.7820, 77.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 219) }
```

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

```
.background{ background-color: rgb(237,  
219, 219) }
```

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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