

Converting Colors

XYZ(73.9448, 77.5245, 73.3538)

Have a look what the booklet for
XYZ(73.9448, 77.5245, 73.3538)
contains.

XYZ(73.9448, 77.5245, 73.3538)	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(73.9448, 77.5245,
73.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE3D4
RGB	236, 227, 212
RGB Percent	93%, 89%, 83%
CMY	0.0745, 0.1098, 0.1686
CMYK	0.00, 0.04, 0.10, 0.07
HSL	38°, 39%, 88%
HSV	38°, 10%, 93%
XYZ	73.9448, 77.5245, 73.3538
YIQ	227.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

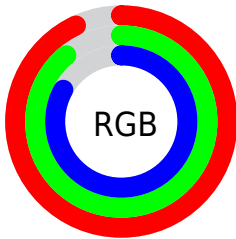
Format	Color
R_{YB}	226, 236, 212
Decimal	15524820
CIE _{Lab}	90.56, 0.54, 8.40
CIE _{LCh}	91, 8.418, 86.323
Yxy	77.5245, 0.3289, 0.3448
Android (android.graphics.Color)	4293714900 (0xFFECE3D4)
YUV	227.9810, -7.8786, 7.0327
Hunter-Lab	88.0480, -4.1755, 12.2384

Details

The XYZ color **73.9448, 77.5245, 73.3538** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1480, 71.7648, 89.6178**, and the grayscale version is **73.7813, 77.6237, 84.5322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6607, 41.6427, 37.8458** is the 20% darker color. If you saturate the color by 10%, you get **68.8258, 71.7071, 58.0176**, and if you desaturate by 10%, it is **79.6276, 83.7714, 91.0266**.

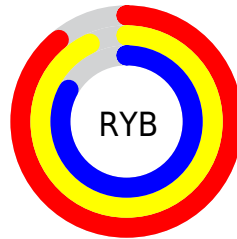
Distribution



Red (93%)

Green (89%)

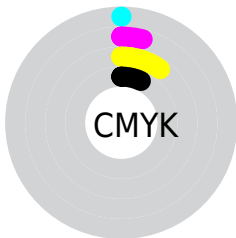
Blue (83%)



Red (89%)

Yellow (93%)

Blue (83%)

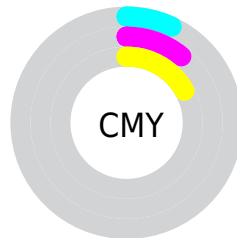


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9448, 77.5245, 73.3538 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 73.9448, 77.5245, 73.3538 by changing the saturation by 10% instead.

73.9448, 77.5245,
73.3538

73.9448, 77.5245,
73.3538

463.3361,
486.5505, 491.3437

55.0400, 57.6835,
53.7717

123.8135,
129.8796, 125.7049

39.6677, 41.5542,
38.0273

155.5080,
163.1624, 159.3110

27.4626, 28.7524,
25.7018

192.1966,
201.6947, 198.4289

18.0593, 18.8936,
16.3770

234.2444,
245.8607, 243.4771

11.0925, 11.5934,
9.6341

282.0169,
296.0449, 294.8742

6.1969, 6.4675,
5.0546

335.8795,

3.0070, 3.1314,

352.6316, 353.0386

2.2200

396.1974,
416.0054, 418.3889

■ 1.1574, 1.2007,
0.6859

■ 0.0724, 0.0623,
0.0000

■ 73.9448, 77.5245,
73.3538

■ 73.9448, 77.5245,
73.3538

■ 68.8258, 71.7071,
58.0176

■ 79.6276, 83.7714,
91.0266

■ 64.2436, 66.2979,
44.9134

■ 85.2032, 90.1746,
107.5225

■ 60.1782, 61.2883,
33.9361

■ 87.9392, 95.6466,
108.4345

■ 56.6058, 56.6657,
24.9697

■ 88.4024, 96.5730,
108.5889

■ 53.5005, 52.4166,
17.8876

■ 50.8336, 48.5263,
12.5483

■ 48.5722, 44.9782,
8.7900

■ 46.6780, 41.7536,
6.4203

■ 45.1111, 38.8704,
5.1251

Harmonies

Analogous

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



75.9540, 77.5245, 75.1192



73.9448, 77.5245, 73.3538



71.9028, 77.5245, 74.4329

Triad

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



73.9448, 77.5245, 73.3538



70.1129, 77.5245, 89.6612



77.1077, 77.5245, 91.0094

Complementary

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



73.9448, 77.5245, 73.3538



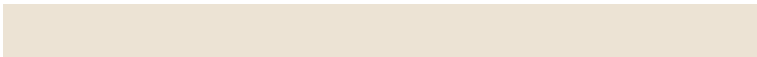
68.1480, 71.7648, 89.6178

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.



75.4958, 77.5245, 95.2432



73.9448, 77.5245, 73.3538



71.4610, 77.5245, 94.4391

Square

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



73.9448, 77.5245, 73.3538



69.7153, 77.5245, 83.6692



73.4252, 77.5245, 96.5270



77.8020, 77.5245, 85.1572

Rectangle

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



73.9448, 77.5245, 73.3538



70.7933, 77.5245, 76.6494



73.4252, 77.5245, 96.5270



76.6538, 77.5245, 92.6797

Sweetspot

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



73.9469, 77.5279, 73.3555



92.9347, 97.7012, 102.2392



71.2143, 70.1521, 78.3347



19.7731, 20.7823, 21.5118



0.0000, 0.0000, 0.0000



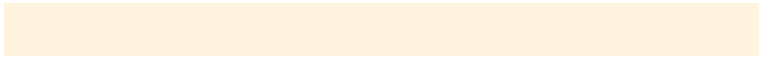
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9469, 77.5279, 73.3555



86.9585, 91.0829, 83.8033



75.5495, 82.1025, 74.1540



15.8501, 16.6231, 15.8919



24.9942, 21.6826, 2.8678



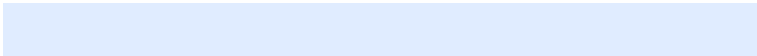
2.0545, 1.8864, 0.2558

Inverse Universe

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



68.1480, 71.7648, 89.6178



78.8724, 83.0469, 106.4804



66.6505, 67.5611, 88.8853



14.6938, 15.4740, 19.1346



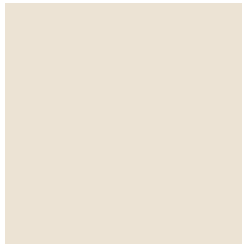
10.4043, 7.4555, 44.6337



0.9067, 0.7650, 3.5347

Previews

White Background



This preview shows how the XYZ color 73.9448, 77.5245, 73.3538 looks on a white background.

Color Contrast Check

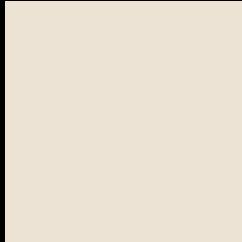
Large Text (above 18pt) WCAG AA × Fail

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 73.9448, 77.5245, 73.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

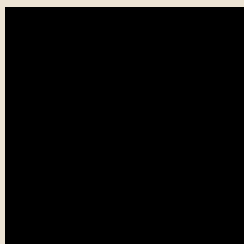
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

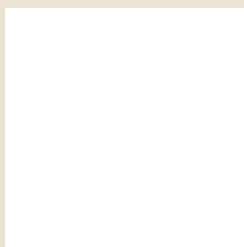
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9448, 77.5245, 73.3538

Background



This preview shows how black text looks on a background with the XYZ color 73.9448, 77.5245, 73.3538.

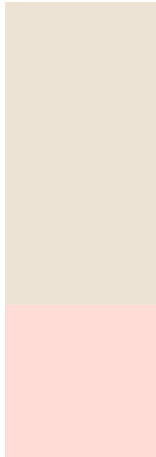


This preview shows how white text looks on a background with the XYZ color 73.9448, 77.5245,

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

73.9448, 77.5245, 73.3538

Protanopia

73.9448, 77.5245, 73.3538

Deuteranopia

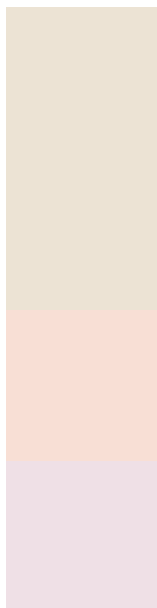
78.9708, 77.3014, 74.3768



Tritanopia

78.0510, 77.5919, 93.3011

Trichromacy



Original Color

73.9448, 77.5245, 73.3538

Protanomaly

73.9448, 77.5245, 73.3538

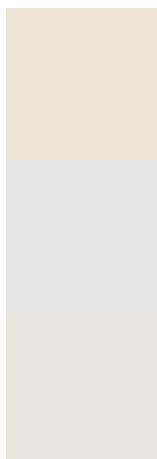
Deuteranomaly

77.1093, 77.5359, 73.8526

Tritanomaly

76.5352, 77.3752, 85.7640

Monochromacy



Original Color

73.9448, 77.5245, 73.3538

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8832, 77.7497, 80.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9448, 77.5245, 73.3538 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, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 212)  
}
```

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, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.9448, 77.5245, 73.3538 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, 227, 212) }
```


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

```
.border{ border-color:rgb(236, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(236, 227,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9448, 77.5245, 73.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 212) }
```

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

```
.background{ background-color: rgb(236,  
227, 212) }
```

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