

Converting Colors

XYZ(73.5185, 74.0068, 77.5357)

Have a look what the booklet for
XYZ(73.5185, 74.0068, 77.5357)
contains.

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Color

**XYZ(73.3776, 73.9547,
77.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDBDB
RGB	238, 219, 219
RGB Percent	93%, 86%, 86%
CMY	0.0667, 0.1412, 0.1412
CMYK	0.00, 0.08, 0.08, 0.07
HSL	0°, 36%, 90%
HSV	0°, 8%, 93%
XYZ	73.3776, 73.9547, 77.4251
YIQ	224.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

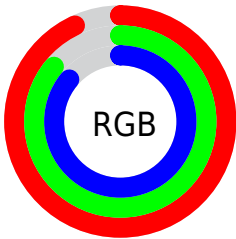
Format	Color
R _Y B	238, 219, 219
Decimal	15653851
CIE Lab	88.90, 6.52, 2.35
CIE LCh	89, 6.933, 19.819
Yxy	73.9547, 0.3265, 0.3290
Android (android.graphics.Color)	4293843931 (0xFFEEDBDB)
YUV	224.6810, -2.8007, 11.6808
Hunter-Lab	85.9969, 1.8120, 6.8176

Details

The XYZ color **73.3776, 73.9547, 77.4251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2203, 82.3806, 92.8263**, and the grayscale version is **71.3546, 75.0706, 81.7519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2677, 39.1763, 40.6141** is the 20% darker color. If you saturate the color by 10%, you get **64.6958, 61.2514, 60.1621**, and if you desaturate by 10%, it is **83.3989, 88.6183, 97.3465**.

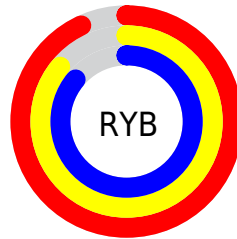
Distribution



Red (93%)

Green (86%)

Blue (86%)



Red (93%)

Yellow (86%)

Blue (86%)

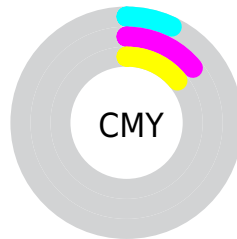


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3776, 73.9547, 77.4251 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 73.3776, 73.9547, 77.4251 by changing the saturation by 10% instead.


 73.3776, 73.9547,
77.4251

 73.3776, 73.9547,
77.4251


461.4060,
474.3170, 505.6883

 54.5743, 54.7570,
57.0882


123.0134,
124.8316, 131.5179

 39.2934, 39.2072,
40.6662


154.5765,
157.2795, 166.1108

 27.1698, 26.9209,
27.7406


191.1236,
194.9130, 206.2928

 17.8381, 17.5138,
17.8929

233.0200,
238.1164, 252.4825

 10.9328, 10.6015,
10.7045

280.6311,
287.2741, 305.0983

 6.0886, 5.7996,
5.7568

334.3222,

 2.9402, 2.7236,

342.7705, 364.5589

2.6314

394.4587,
404.9900, 431.2827

■ 1.1222, 0.9892,
0.9086

■ 0.0436, 0.0000,
0.0000

■ 73.3776, 73.9547,
77.4251

■ 73.3776, 73.9547,
77.4251

■ 64.6958, 61.2514,
60.1621

■ 83.3989, 88.6183,
97.3465

■ 57.2909, 50.4163,
45.4407

■ 89.0703, 96.9173,
108.6202

■ 51.1047, 41.3641,
33.1423

■ 46.0717, 33.9994,
23.1372

■ 42.1208, 28.2179,
15.2834

■ 39.1726, 23.9036,
9.4234

■ 37.1370, 20.9246,
5.3779

■ 35.9079, 19.1256,
2.9357

■ 35.3392, 18.2932,
1.8062

Harmonies

Analogous

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



73.5224, 73.9547, 82.1719



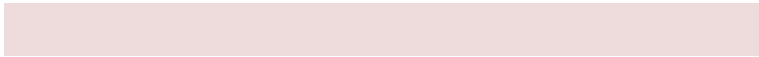
73.3776, 73.9547, 77.4251



72.3986, 73.9547, 73.6545

Triad

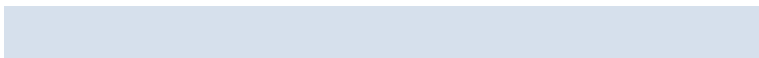
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3776, 73.9547, 77.4251



67.8503, 73.9547, 74.6961



69.7218, 73.9547, 89.9864

Complementary

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



73.3776, 73.9547, 77.4251



75.2203, 82.3806, 92.8263

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.



68.2262, 73.9547, 87.8080



73.3776, 73.9547, 77.4251



67.1571, 73.9547, 78.8984

Square

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



73.3776, 73.9547, 77.4251



69.2011, 73.9547, 72.1230



67.2936, 73.9547, 83.7047



71.3937, 73.9547, 89.5535

Rectangle

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



73.3776, 73.9547, 77.4251



71.4131, 73.9547, 72.1416



67.2936, 73.9547, 83.7047



69.1822, 73.9547, 89.5320

Sweetspot

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



73.3797, 73.9579, 77.4267



92.6345, 96.4656, 104.0977



76.0249, 75.0143, 91.3620



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

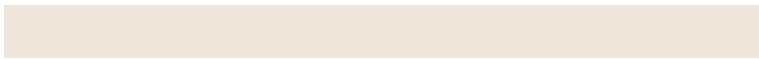
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3797, 73.9579, 77.4267



83.6122, 83.2640, 86.1600



75.9282, 79.0549, 78.2762



15.7731, 15.7594, 16.3603



19.6719, 10.1419, 0.9208



1.6366, 0.8439, 0.0766

Inverse Universe

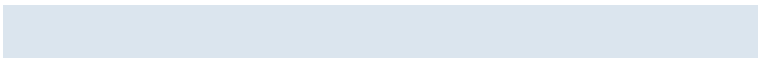
The Inverse Universe completely reimagines the original color for something new.



75.2203, 82.3806, 92.8263



86.2811, 95.4767, 108.4891



72.5282, 76.9965, 91.9289



16.2471, 17.9284, 20.3258



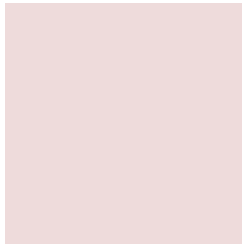
25.6588, 37.5419, 51.0218



2.1347, 3.1233, 4.2446

Previews

White Background



This preview shows how the XYZ color 73.3776, 73.9547, 77.4251 looks on a white background.

Color Contrast Check

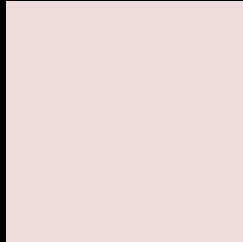
Large Text (above 18pt) WCAG AA × Fail

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 73.3776, 73.9547, 77.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

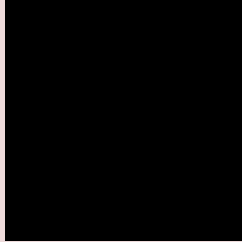
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

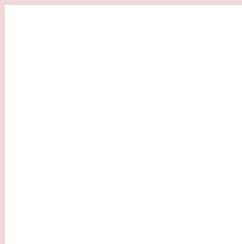
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3776, 73.9547, 77.4251

Background



This preview shows how black text looks on a background with the XYZ color 73.3776, 73.9547, 77.4251.



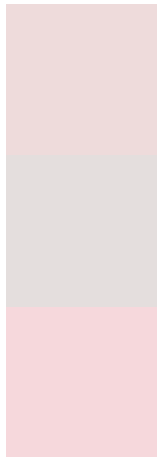
This preview shows how white text looks on a background with the XYZ color 73.3776, 73.9547,

77.4251.

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

73.3776, 73.9547, 77.4251

Protanopia

71.1673, 73.9570, 78.9308

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

73.3776, 73.9547, 77.4251

Protanomaly

72.0534, 74.0360, 78.2029

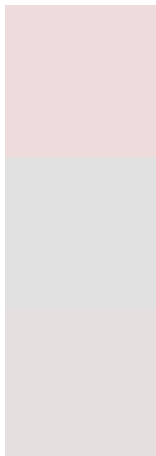
Deuteranomaly

74.6933, 73.8477, 78.0274

Tritanomaly

74.8109, 74.1507, 84.4983

Monochromacy



Original Color

73.3776, 73.9547, 77.4251

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3401, 74.9261, 80.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3776, 73.9547, 77.4251 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(238, 219, 219) looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.3776, 73.9547, 77.4251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

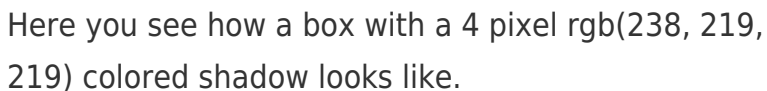
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 219, 219) }
```


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

```
.border{ border-color:rgb(238, 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(238, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 219, 219); box-shadow:4px 4px 4px 4px rgb(238, 219, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3776, 73.9547, 77.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 219) }
```

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

```
.background{ background-color: rgb(238,  
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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