

Converting Colors

XYZ(75.0270, 77.4362, 78.7377)

Have a look what the booklet for
XYZ(75.0270, 77.4362, 78.7377)
contains.

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Color

**XYZ(75.0397, 77.5645,
78.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE2DC
RGB	237, 226, 220
RGB Percent	93%, 89%, 86%
CMY	0.0706, 0.1137, 0.1372
CMYK	0.00, 0.05, 0.07, 0.07
HSL	21°, 32%, 90%
HSV	21°, 7%, 93%
XYZ	75.0397, 77.5645, 78.7266
YIQ	228.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

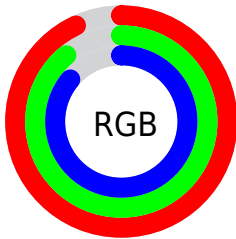
Format	Color
R_{YB}	237, 229, 220
Decimal	15590108
CIE _{Lab}	90.58, 2.72, 4.25
CIE _{LCh}	91, 5.047, 57.399
Yxy	77.5645, 0.3244, 0.3353
Android (android.graphics.Color)	4293780188 (0xFFE2DC)
YUV	228.6050, -4.2423, 7.3624
Hunter-Lab	88.0707, -2.0347, 8.6500

Details

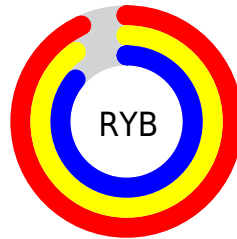
The XYZ color **75.0397, 77.5645, 78.7266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3772, 78.4808, 91.4027**, and the grayscale version is **74.2136, 78.0785, 85.0275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4105, 41.6662, 41.5098** is the 20% darker color. If you saturate the color by 10%, you get **68.1375, 68.4316, 62.0221**, and if you desaturate by 10%, it is **82.7640, 87.6276, 97.9024**.

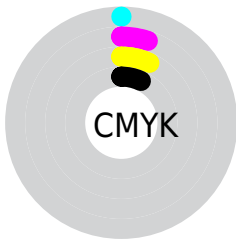
Distribution



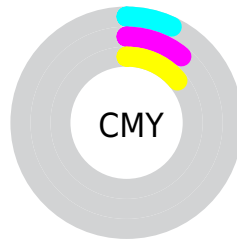
- Red (93%)
- Green (89%)
- Blue (86%)



- Red (93%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (7%)





- Cyan (7%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0397, 77.5645, 78.7266 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 75.0397, 77.5645, 78.7266 by changing the saturation by 10% instead.


 75.0397, 77.5645,
78.7266

 75.0397, 77.5645,
78.7266


467.0491,
486.6866, 510.2241

 55.9397, 57.7163,
58.1511


125.3562,
129.9360, 133.3691

 40.3914, 41.5806,
41.5146


157.3033,
163.2281, 168.2731

 28.0294, 28.7730,
28.3987


194.2636,
201.7703, 208.7903

 18.4884, 18.9092,
18.3847


236.6024,
245.9470, 255.3394

 11.4030, 11.6047,
11.0543

284.6849,
296.1426, 308.3387

 6.4079, 6.4751,
5.9887

338.8767,

 3.1376, 3.1361,

352.7414, 368.2069

2.7695

399.5429,
416.1280, 435.3626

■ 1.2270, 1.2032,
0.9782

■ 0.1275, 0.0643,
0.0000

■ 75.0397, 77.5645,
78.7266

■ 75.0397, 77.5645,
78.7266

■ 68.1375, 68.4316,
62.0221

■ 82.7640, 87.6276,
97.9024

■ 62.0225, 60.1919,
47.6825

■ 88.7355, 96.7448,
108.6045

■ 56.6670, 52.8206,
35.6012

■ 52.0387, 46.2878,
25.6612

■ 48.1030, 40.5621,
17.7350

■ 44.8223, 35.6096,
11.6813

■ 42.1545, 31.3937,
7.3402

■ 40.0519, 27.8743,
4.5246

■ 38.4550, 25.0050,
2.9921

Harmonies

Analogous

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



75.9012, 77.5645, 81.2925



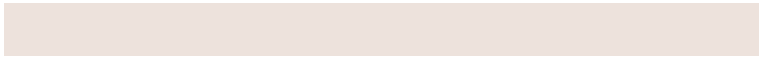
75.0397, 77.5645, 78.7266



73.8331, 77.5645, 77.6917

Triad

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



75.0397, 77.5645, 78.7266



71.3219, 77.5645, 84.1391



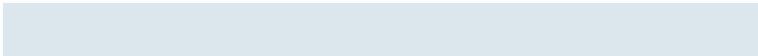
74.8466, 77.5645, 90.7849

Complementary

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



75.0397, 77.5645, 78.7266



73.3772, 78.4808, 91.4027

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.



73.6125, 77.5645, 91.5989



75.0397, 77.5645, 78.7266



71.5864, 77.5645, 87.6976

Square

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



75.0397, 77.5645, 78.7266



71.6946, 77.5645, 80.7603



72.4213, 77.5645, 90.4538



75.7888, 77.5645, 88.2598

Rectangle

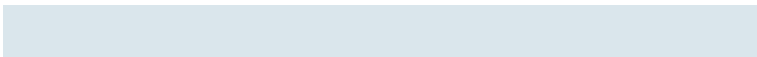
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0397, 77.5645, 78.7266



72.9985, 77.5645, 77.9864



72.4213, 77.5645, 90.4538



74.4517, 77.5645, 91.2708

Sweetspot

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



75.0419, 77.5679, 78.7283



93.1963, 97.5891, 104.2849



74.9502, 74.9645, 86.1587



19.9673, 20.9134, 22.3696



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.



75.0419, 77.5679, 78.7283



87.0185, 89.5008, 89.0702



77.3955, 82.2752, 79.5128



15.5007, 15.9244, 15.7755



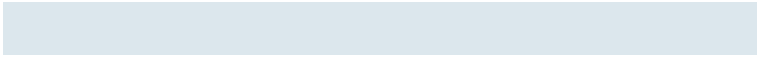
20.8979, 13.4901, 1.5024



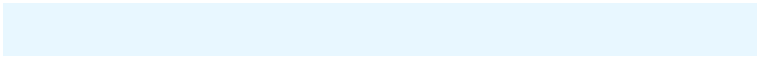
1.7287, 1.2347, 0.1472

Inverse Universe

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



73.3772, 78.4808, 91.4027



84.5735, 90.8412, 107.6844



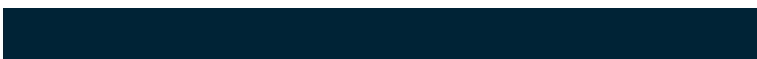
71.0700, 73.8665, 90.6337



15.0441, 16.1747, 19.2514



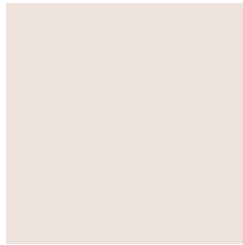
14.7194, 16.0859, 46.0720



1.2457, 1.4430, 3.6477

Previews

White Background



This preview shows how the XYZ color 75.0397, 77.5645, 78.7266 looks on a white background.

Color Contrast Check

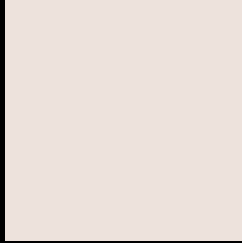
Large Text (above 18pt) WCAG AA × Fail

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 75.0397, 77.5645, 78.7266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

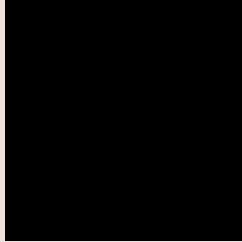
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

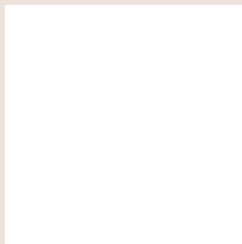
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0397, 77.5645, 78.7266

Background



This preview shows how black text looks on a background with the XYZ color 75.0397, 77.5645, 78.7266.



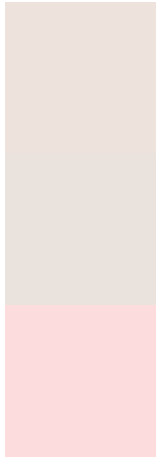
This preview shows how white text looks on a background with the XYZ color 75.0397, 77.5645,

78.7266.

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

75.0397, 77.5645, 78.7266

Protanopia

74.4519, 77.6511, 79.4707

Deuteranopia

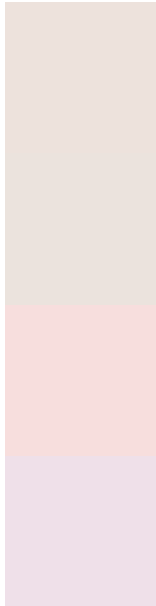
79.1524, 77.2895, 79.1532



Tritanopia

78.0510, 77.5919, 93.3011

Trichromacy



Original Color

75.0397, 77.5645, 78.7266

Protanomaly

74.7812, 77.8208, 79.4861

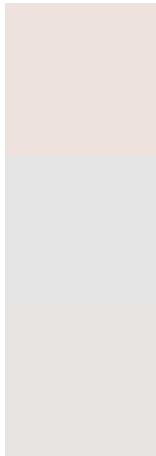
Deuteranomaly

77.5302, 77.2372, 79.2286

Tritanomaly

76.9602, 77.5452, 88.0023

Monochromacy



Original Color

75.0397, 77.5645, 78.7266

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7496, 78.1336, 83.0931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0397, 77.5645, 78.7266 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, 226, 220) looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 220)  
}
```

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, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.0397, 77.5645, 78.7266 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, 226, 220) }
```


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

```
.border{ border-color:rgb(237, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0397, 77.5645, 78.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 220) }
```

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

```
.background{ background-color: rgb(237,  
226, 220) }
```

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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