

Converting Colors

XYZ(74.4231, 76.2625, 78.4667)

Have a look what the booklet for
XYZ(74.4231, 76.2625, 78.4667)
contains.

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Color

**XYZ(74.4990, 76.4831,
78.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE0DC
RGB	237, 224, 220
RGB Percent	93%, 88%, 86%
CMY	0.0706, 0.1215, 0.1372
CMYK	0.00, 0.05, 0.07, 0.07
HSL	14°, 32%, 90%
HSV	14°, 7%, 93%
XYZ	74.4990, 76.4831, 78.5464
YIQ	227.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

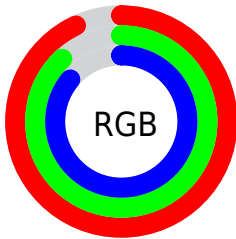
Format	Color
R _Y B	237, 225, 220
Decimal	15589596
CIE Lab	90.08, 3.75, 3.53
CIE LCh	90, 5.152, 43.264
Yxy	76.4831, 0.3246, 0.3332
Android (android.graphics.Color)	4293779676 (0xFFE0DC)
YUV	227.4310, -3.6635, 8.3920
Hunter-Lab	87.4546, -0.9888, 7.9676

Details

The XYZ color **74.4990, 76.4831, 78.5464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9402, 79.6068, 91.5904**, and the grayscale version is **73.3505, 77.1704, 84.0386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0356, 40.9163, 41.3848** is the 20% darker color. If you saturate the color by 10%, you get **66.9679, 66.0925, 61.6322**, and if you desaturate by 10%, it is **82.9983, 88.0962, 97.9806**.

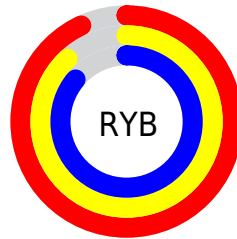
Distribution



Red (93%)

Green (88%)

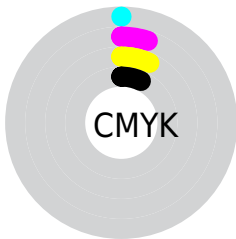
Blue (86%)



Red (93%)

Yellow (88%)

Blue (86%)

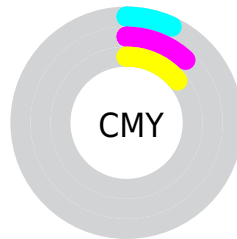


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4990, 76.4831, 78.5464 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 74.4990, 76.4831, 78.5464 by changing the saturation by 10% instead.

74.4990, 76.4831,
78.5464

74.4990, 76.4831,
78.5464

465.2176,
482.9998, 509.5975

55.4953, 56.8287,
58.0038

124.5946,
128.4096, 133.1130

40.0338, 40.8678,
41.3970

156.4172,
161.4505, 167.9740

27.7492, 28.2158,
28.3074

193.2435,
199.7223, 208.4450

18.2762, 18.4884,
18.3164

235.4389,
243.6095, 254.9444

11.2494, 11.3012,
11.0056

283.3686,
293.4965, 307.8909

6.3033, 6.2698,
5.9564

337.3980,

3.0728, 3.0098,

349.7676, 367.7028

2.7502

397.8926,
412.8072, 434.7988

■ 1.1924, 1.1369,
0.9686

■ 0.1003, 0.0092,
0.0000

■ 74.4990, 76.4831,
78.5464

■ 74.4990, 76.4831,
78.5464

■ 66.9679, 66.0925,
61.6322

■ 82.9983, 88.0962,
97.9806

■ 60.3638, 56.8744,
47.1296

■ 88.7355, 96.7448,
108.6045

■ 54.6519, 48.7904,
34.9295

■ 49.7926, 41.7958,
24.9125

■ 45.7435, 35.8431,
16.9485

■ 42.4581, 30.8812,
10.8932

■ 39.8849, 26.8545,
6.5837

■ 37.9653, 23.7013,
3.8291

■ 36.6279, 21.3508,
2.3830

Harmonies

Analogous

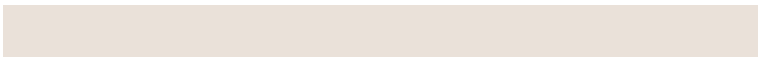
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1129, 76.4831, 81.6728



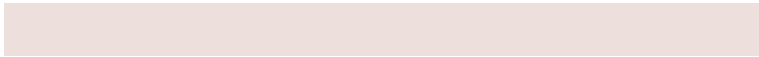
74.4990, 76.4831, 78.5464



73.4048, 76.4831, 76.7179

Triad

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



74.4990, 76.4831, 78.5464



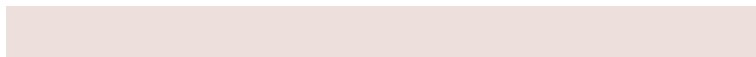
70.3670, 76.4831, 81.2670



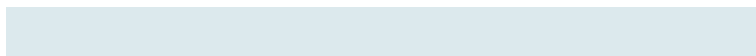
73.2602, 76.4831, 90.3163

Complementary

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



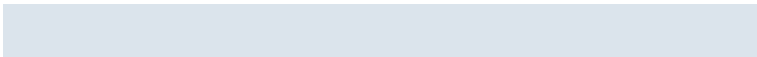
74.4990, 76.4831, 78.5464



73.9402, 79.6068, 91.5904

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.



71.9896, 76.4831, 90.1999



74.4990, 76.4831, 78.5464



70.3293, 76.4831, 84.9022

Square

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



74.4990, 76.4831, 78.5464



71.0237, 76.4831, 78.2568



70.9201, 76.4831, 88.1940



74.3921, 76.4831, 88.5076

Rectangle

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



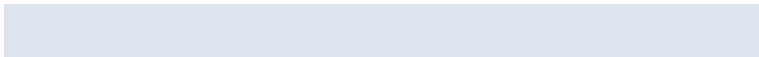
74.4990, 76.4831, 78.5464



72.5551, 76.4831, 76.4468



70.9201, 76.4831, 88.1940



72.8349, 76.4831, 90.5026

Sweetspot

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



74.5011, 76.4864, 78.5480



93.0084, 97.2135, 104.2223



75.2321, 75.0772, 87.6430



19.9290, 20.8369, 22.3569



0.0000, 0.0000, 0.0000



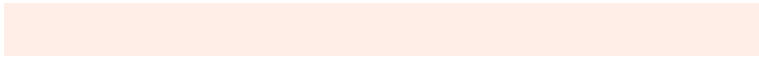
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5011, 76.4864, 78.5480



86.2288, 87.9214, 88.8070



76.8325, 81.1493, 79.3252



15.3534, 15.6298, 15.7264



19.9187, 11.5316, 1.1760



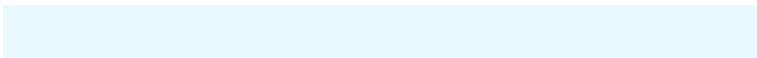
1.6363, 1.0499, 0.1164

Inverse Universe

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



73.9402, 79.6068, 91.5904



85.4047, 92.5037, 107.9614



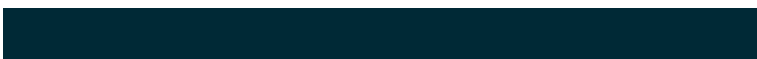
71.6016, 74.9297, 90.8109



15.1995, 16.4855, 19.3032



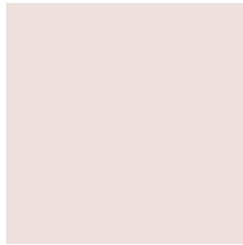
17.4927, 21.6325, 46.9965



1.4461, 1.8437, 3.7145

Previews

White Background



This preview shows how the XYZ color 74.4990, 76.4831, 78.5464 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 74.4990, 76.4831, 78.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

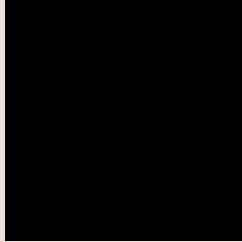
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

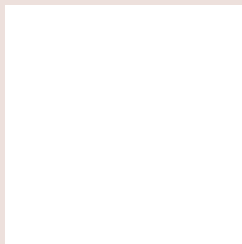
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4990, 76.4831, 78.5464

Background



This preview shows how black text looks on a background with the XYZ color 74.4990, 76.4831, 78.5464.

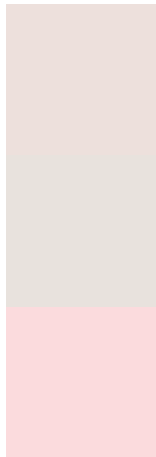


This preview shows how white text looks on a background with the XYZ color 74.4990, 76.4831,

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

74.4990, 76.4831, 78.5464

Protanopia

73.5262, 76.7690, 79.3493

Deuteranopia

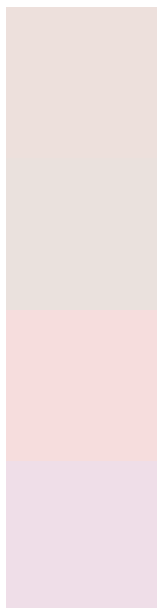
78.1663, 76.3927, 79.0321



Tritanopia

77.3716, 76.4702, 92.3436

Trichromacy



Original Color

74.4990, 76.4831, 78.5464

Protanomaly

73.9080, 76.5633, 79.2894

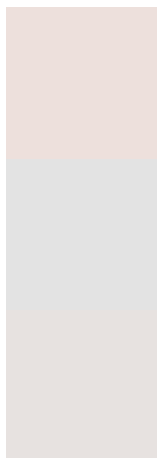
Deuteranomaly

76.9136, 76.5262, 79.1239

Tritanomaly

76.2834, 76.4195, 87.0738

Monochromacy



Original Color

74.4990, 76.4831, 78.5464

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6059, 76.7635, 81.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4990, 76.4831, 78.5464 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, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 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, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.4990, 76.4831, 78.5464 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, 224, 220) }
```


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

```
.border{ border-color:rgb(237, 224, 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, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4990, 76.4831, 78.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 220) }
```

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

```
.background{ background-color: rgb(237,  
224, 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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