

Converting Colors

XYZ(74.4284, 75.8461, 89.9799)

Have a look what the booklet for
XYZ(74.4284, 75.8461, 89.9799)
contains.

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Color

**XYZ(74.4830, 75.8204,
90.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DFEC
RGB	231, 223, 236
RGB Percent	91%, 87%, 93%
CMY	0.0941, 0.1255, 0.0745
CMYK	0.02, 0.06, 0.00, 0.07
HSL	277°, 25%, 90%
HSV	277°, 6%, 93%
XYZ	74.4830, 75.8204, 90.0660
YIQ	226.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

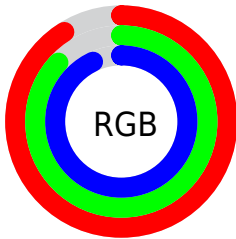
Format	Color
R _Y B	231, 223, 236
Decimal	15196140
CIE Lab	89.78, 5.04, -5.37
CIE LCh	90, 7.367, 313.199
Yxy	75.8204, 0.3099, 0.3154
Android (android.graphics.Color)	4293386220 (0xFFE7DFEC)
YUV	226.8740, 4.4991, 3.6185
Hunter-Lab	87.0749, 0.3060, -0.3742

Details

The XYZ color **74.4830, 75.8204, 90.0660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3125, 81.8146, 81.6383**, and the grayscale version is **72.8920, 76.6881, 83.5133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9200, 40.4145, 48.8768** is the 20% darker color. If you saturate the color by 10%, you get **65.7577, 62.6071, 87.9766**, and if you desaturate by 10%, it is **84.2435, 90.8762, 92.4588**.

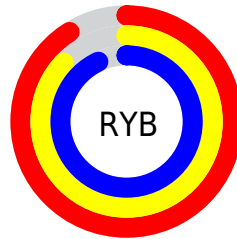
Distribution



Red (91%)

Green (87%)

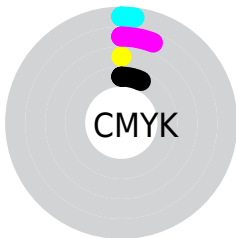
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

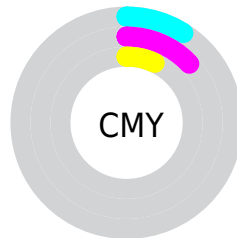


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4830, 75.8204, 90.0660 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 74.4830, 75.8204, 90.0660 by changing the saturation by 10% instead.

■ 74.4830, 75.8204,
90.0660

■ 74.4830, 75.8204,
90.0660

465.1633,
480.7327, 548.8212

■ 55.4821, 56.2852,
67.4614

124.5721,
127.4730, 149.3664

■ 40.0232, 40.4317,
48.9957

156.3910,
160.3592, 186.8992

■ 27.7409, 27.8753,
34.2505

193.2133,
198.4646, 230.2452

■ 18.2699, 18.2317,
22.8072

235.4044,
242.1736, 279.8229

■ 11.2448, 11.1164,
14.2472

283.3296,
291.8704, 336.0507

■ 6.3003, 6.1452,
8.1521

337.3542,

■ 3.0709, 2.9336,

347.9397, 399.3474

4.1033

397.8437,
410.7656, 470.1314

■ 1.1914, 1.0972,
1.6822

■ 0.0995, 0.0000,
0.3485

■ 74.4830, 75.8204,
90.0660

■ 74.4830, 75.8204,
90.0660

■ 65.7577, 62.6071,
87.9766

■ 84.2435, 90.8762,
92.4588

■ 58.0227, 51.1532,
86.1734

■ 90.0247, 97.7454,
93.4800

■ 51.2391, 41.3833,
84.6452

■ 92.1405, 98.8362,
93.5790

■ 45.3630, 33.2129,
83.3779

■ 40.3464, 26.5500,
82.3562

■ 36.1367, 21.2929,
81.5633

■ 32.6745, 17.3268,
80.9803

■ 29.8912, 14.5183,
80.5849

■ 27.7026, 12.7032,
80.3499

Harmonies

Analogous

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



72.8657, 75.8204, 92.6845



74.4830, 75.8204, 90.0660



75.4614, 75.8204, 85.4814

Triad

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



74.4830, 75.8204, 90.0660



73.0795, 75.8204, 73.3431



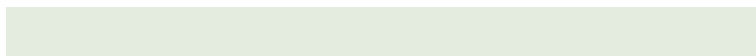
68.7170, 75.8204, 84.8612

Complementary

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



74.4830, 75.8204, 90.0660



75.3125, 81.8146, 81.6383

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.



68.7721, 75.8204, 79.6972



74.4830, 75.8204, 90.0660



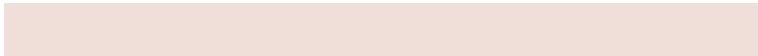
71.2703, 75.8204, 73.1928

Square

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



74.4830, 75.8204, 90.0660



74.6418, 75.8204, 75.8943



69.6999, 75.8204, 75.4746



69.5482, 75.8204, 89.5956

Rectangle

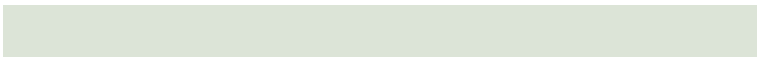
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4830, 75.8204, 90.0660



75.6097, 75.8204, 81.9985



69.6999, 75.8204, 75.4746



68.6329, 75.8204, 83.1151

Sweetspot

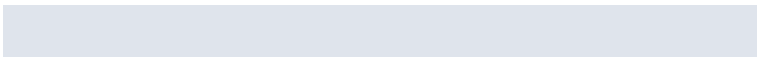
The Sweet Spot groups the original color and five complimentary colors.



74.4852, 75.8236, 90.0677



92.7264, 96.4189, 108.3312



73.3731, 77.3441, 90.4197



19.8716, 20.6751, 23.1933



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.



74.4852, 75.8236, 90.0677



87.1361, 87.8560, 106.9731



75.9340, 76.5923, 89.1533



15.4814, 15.5555, 19.1088



14.9512, 6.7436, 44.2566



1.2809, 0.5846, 3.4802

Inverse Universe

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



74.9860, 76.2131, 84.1610



87.8994, 88.4480, 98.0410



73.9249, 81.0790, 82.4916



15.6285, 15.6695, 17.3921



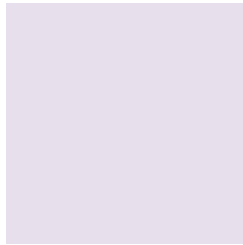
20.1623, 10.2676, 6.6563



1.6290, 0.8246, 0.7635

Previews

White Background



This preview shows how the XYZ color 74.4830, 75.8204, 90.0660 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 74.4830, 75.8204, 90.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

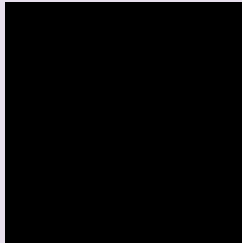
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

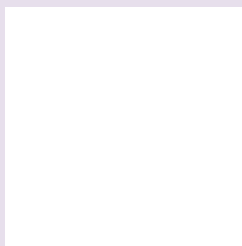
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4830, 75.8204, 90.0660

Background



This preview shows how black text looks on a background with the XYZ color 74.4830, 75.8204, 90.0660.



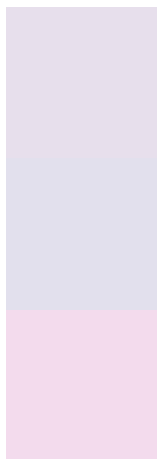
This preview shows how white text looks on a background with the XYZ color 74.4830, 75.8204,

90.0660.

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

74.4830, 75.8204, 90.0660

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

77.5797, 75.8321, 90.6689



Tritanopia

75.1282, 75.6896, 93.0880

Trichromacy



Original Color

74.4830, 75.8204, 90.0660

Protanomaly

73.9366, 75.9197, 90.8779

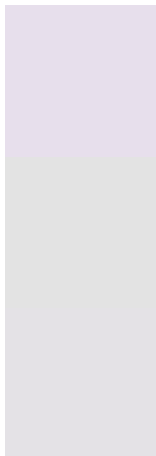
Deuteranomaly

76.4759, 75.6515, 90.6923

Tritanomaly

74.9800, 75.6304, 92.3076

Monochromacy



Original Color

74.4830, 75.8204, 90.0660

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4742, 76.5999, 85.7757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4830, 75.8204, 90.0660 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(231, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 236)  
}
```

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(231, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.4830, 75.8204, 90.0660 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(231, 223, 236) }
```


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

```
.border{ border-color:rgb(231, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4830, 75.8204, 90.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 236) }
```

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

```
.background{ background-color: rgb(231,  
223, 236) }
```

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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