

Converting Colors

XYZ(72.8435, 76.7374, 61.0908)

Have a look what the booklet for
XYZ(72.8435, 76.7374, 61.0908)
contains.

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Color

**XYZ(72.9864, 76.8993,
60.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2C0
RGB	241, 226, 192
RGB Percent	95%, 89%, 75%
CMY	0.0549, 0.1137, 0.2471
CMYK	0.00, 0.06, 0.20, 0.05
HSL	42°, 64%, 85%
HSV	42°, 20%, 95%
XYZ	72.9864, 76.8993, 60.8654
YIQ	226.6090, 19.8540, -7.3940

Conversions

Conversions Part 2

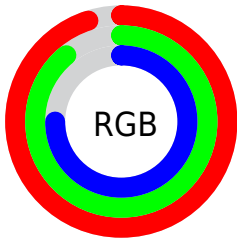
Format	Color
R _Y B	214, 241, 192
Decimal	15852224
CIE Lab	90.28, -0.22, 18.48
CIE LCh	90, 18.481, 90.674
Yxy	76.8993, 0.3463, 0.3649
Android (android.graphics.Color)	4294042304 (0xFFFF1E2C0)
YUV	226.6090, -17.0622, 12.6209
Hunter-Lab	87.6922, -4.8956, 20.2326

Details

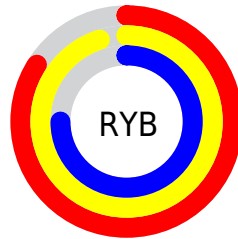
The XYZ color **72.9864, 76.8993, 60.8654** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.9278, 62.1814, 92.0631**, and the grayscale version is **72.8413, 76.6347, 83.4552**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **39.1579, 41.2751, 29.9478** is the 20% darker color. If you saturate the color by 10%, you get **68.5699, 71.9951, 47.2802**, and if you desaturate by 10%, it is **77.9306, 82.1578, 76.7855**.

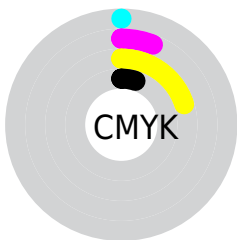
Distribution



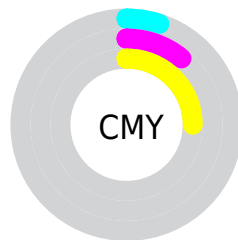
- Red (95%)
- Green (89%)
- Blue (75%)



- Red (84%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9864, 76.8993, 60.8654 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 72.9864, 76.8993, 60.8654 by changing the saturation by 10% instead.


 72.9864, 76.8993,
60.8654

 72.9864, 76.8993,
60.8654


460.0722,
484.4206, 445.6732

 54.2532, 57.1702,
43.6867


 122.4611,
128.9973, 107.6397

 39.0356, 41.1419,
30.0889


153.9334,
162.1351, 138.0723

 26.9683, 28.4300,
19.6534


190.3826,
200.5112, 173.7600

 17.6859, 18.6501,
11.9618

232.1743,
244.5100, 215.1213

 10.8230, 11.4177,
6.5955

279.6738,
294.5160, 262.5747

 6.0144, 6.3485,
3.1358

333.2463,

 2.8946, 3.0581,

350.9135, 316.5388

1.1644

393.2573,
414.0869, 377.4321

■ 1.0982, 1.1622,
0.0000

■ 0.0237, 0.0305,
0.0000

■ 72.9864, 76.8993,
60.8654

■ 72.9864, 76.8993,
60.8654

■ 68.5699, 71.9951,
47.2802

■ 77.9306, 82.1578,
76.7855

■ 64.6526, 67.4243,
35.9128

■ 83.4171, 87.7704,
95.1402

■ 61.2125, 63.1789,
26.6430

■ 87.9335, 93.1363,
107.9503

■ 58.2231, 59.2466,
19.3375

■ 90.0858, 97.4409,
108.6677

■ 55.6551, 55.6139,
13.8472

■ 53.4751, 52.2655,
10.0018

■ 51.6433, 49.1835,
7.5980

■ 50.1405, 46.4302,
6.3192

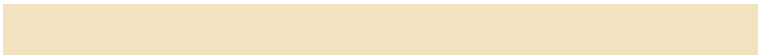
Harmonies

Analogous

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



77.5094, 76.8993, 63.5267



72.9864, 76.8993, 60.8654



68.6696, 76.8993, 63.7751

Triad

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



72.9864, 76.8993, 60.8654



65.7427, 76.8993, 97.3320



81.0778, 76.8993, 96.7621

Complementary

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



72.9864, 76.8993, 60.8654



59.9278, 62.1814, 92.0631

Split Complementary

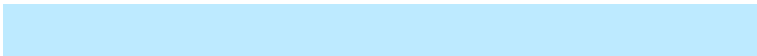
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6971, 76.8993, 107.4661



72.9864, 76.8993, 60.8654



68.8427, 76.8993, 107.8187

Square

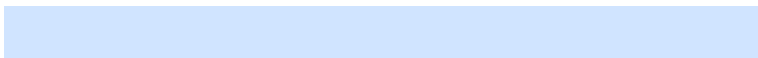
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9864, 76.8993, 60.8654



64.5966, 76.8993, 84.0288



73.1947, 76.8993, 111.7053



82.2981, 76.8993, 83.4324

Rectangle

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



72.9864, 76.8993, 60.8654



66.4585, 76.8993, 68.6787



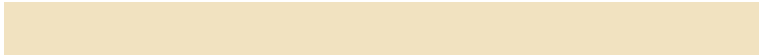
73.1947, 76.8993, 111.7053



80.1496, 76.8993, 100.8344

Sweetspot

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



72.9884, 76.9027, 60.8670



91.2081, 96.1024, 95.9471



66.4518, 60.9313, 67.6226



19.4357, 20.4810, 20.2481



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.



72.9884, 76.9027, 60.8670



81.0289, 85.2936, 63.1139



74.2544, 83.8754, 62.1462



16.6910, 17.5951, 16.6662



27.3146, 25.4273, 3.4683



2.3598, 2.2902, 0.3177

Inverse Universe

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



59.9278, 62.1814, 92.0631



63.9226, 66.0144, 103.9807



58.8106, 56.4664, 91.0189



15.2917, 16.0176, 20.0073



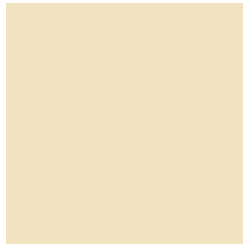
10.0330, 6.2902, 45.8132



0.9193, 0.6926, 3.8395

Previews

White Background



This preview shows how the XYZ color 72.9864, 76.8993, 60.8654 looks on a white background.

Color Contrast Check

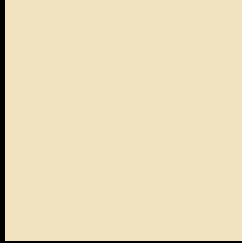
Large Text (above 18pt) WCAG AA × Fail

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 72.9864, 76.8993, 60.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

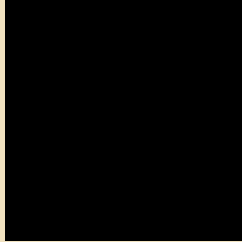
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9864, 76.8993, 60.8654

Background



This preview shows how black text looks on a background with the XYZ color 72.9864, 76.8993, 60.8654.



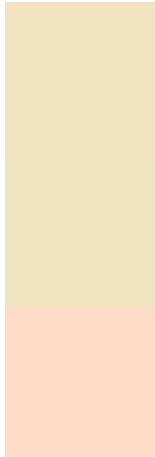
This preview shows how white text looks on a background with the XYZ color 72.9864, 76.8993,

60.8654.

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

72.9864, 76.8993, 60.8654

Protanopia

72.5801, 77.0947, 60.9245

Deuteranopia

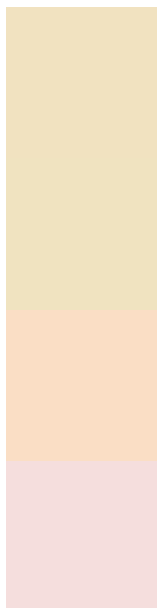
77.2585, 76.6165, 65.3601



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

72.9864, 76.8993, 60.8654

Protanomaly

72.9187, 77.2692, 60.9404

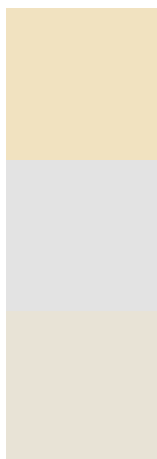
Deuteranomaly

75.6237, 76.5978, 63.6224

Tritanomaly

76.8286, 76.8755, 79.1958

Monochromacy



Original Color

72.9864, 76.8993, 60.8654

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8854, 76.9490, 74.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9864, 76.8993, 60.8654 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(241, 226, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 192)  
}
```

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(241, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 192) }
```

Border

The CSS property to change the border of an element to XYZ 72.9864, 76.8993, 60.8654 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(241, 226, 192) }
```


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

```
.border{ border-color:rgb(241, 226, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 226, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 226, 192); box-shadow:4px 4px 4px 4px rgb(241, 226, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9864, 76.8993, 60.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 192) }
```

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

```
.background{ background-color: rgb(241,  
226, 192) }
```

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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