Converting Colors

XYZ(74.8531, 76.7882, 84.1169)

Have a look what the booklet for XYZ(74.8531, 76.7882, 84.1169) contains.

XYZ(74.8605, 76.9443, 84.3049) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

XYZ(74.8605, 76.9443, 84.3049)

Conversions

Format	Color
Hex	EAE1E4
RGB	234, 225, 228
RGB Percent	92%, 88%, 89%
CMY	0.0823, 0.1176, 0.1059
CMYK	0.00, 0.04, 0.03, 0.08
HSL	340°, 18%, 90%
HSV	340°, 4%, 92%
XYZ	74.8605, 76.9443, 84.3049
YIQ	228.0330, 4.4010, 2.8410

Conversions Part 1

Conversions

Conversions Part 2

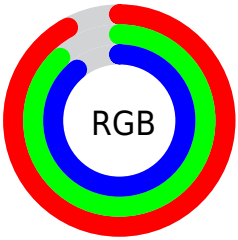
Format	Color
RYB	234, 225, 228
Decimal	15393252
CIELab	90.30, 3.58, -0.38
CIELCh	90, 3.599, 353.900
Yxy	76.9443, 0.3171, 0.3259
Android (android.graphics.Color)	4293583332 (0xFFEAE1E4)
YUV	228.0330, -0.0163, 5.2331
Hunter-Lab	87.7179, -1.1703, 4.4194

Details

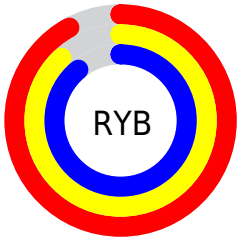
The XYZ color 74.8605, 76.9443, 84.3049 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 74.9009, 80.6247, 87.2198, and the grayscale version is 73.7667, 77.6083, 84.5154.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 40.2776, 41.2316, 45.3708 is the 20% darker color. If you saturate the color by 10%, you get 66.8937, 64.3222, 71.4382, and if you desaturate by 10%, it is 83.8942, 91.3851, 98.4941.

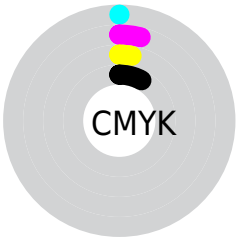
Distribution



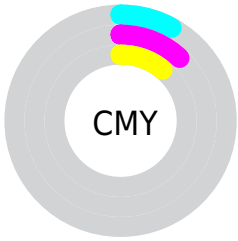
- Red (92%)
- Green (88%)
- Blue (89%)



- Red (92%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8605, 76.9443, 84.3049 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 74.8605, 76.9443, 84.3049 by changing the saturation by 10% instead.

74.8605, 76.9443, 84.3049

74.8605, 76.9443, 84.3049

466.4425, 484.5741, 529.4097

55.7924, 57.2072, 62.7204

125.1038, 129.0609, 141.2671

40.2728, 41.1716, 45.1755

157.0098, 162.2091, 177.4819

27.9365, 28.4532, 31.2517

193.9257, 200.5964, 219.4105

18.4180, 18.6676, 20.5305

236.2170, 244.6073, 267.4714

11.3520, 11.4303, 12.5934

284.2489, 294.6261, 322.0833

6.3732, 6.3571, 7.0217

338.3869,

3.1161, 3.0634,

351.0372, 383.6646

398.9963, 414.2251, 452.6339

3.3970

1.2154, 1.1649, 1.3008

0.1185, 0.0328, 0.0624

74.8605, 76.9443, 84.3049

74.8605, 76.9443, 84.3049

66.8937, 64.3222, 71.4382

83.8942, 91.3851, 98.4941

59.9471, 53.4367, 59.8503

87.7422, 96.2327, 108.5580

53.9801, 44.2141, 49.5021

48.9468, 36.5718, 40.3506

44.7975, 30.4197, 32.3502

41.4778, 25.6589, 25.4522

38.9267, 22.1780, 19.6038

37.0745, 19.8486, 14.7471

35.8370, 18.5147, 10.8172

Harmonies

Analogous

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

74.5347, 76.9443, 86.7215

74.8605, 76.9443, 84.3049

74.7204, 76.9443, 81.7953

Triad

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

74.8605, 76.9443, 84.3049

72.4372, 76.9443, 79.3468

72.1224, 76.9443, 87.8313

Complementary

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

74.8605, 76.9443, 84.3049

74.9009, 80.6247, 87.2198

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.

71.5687, 76.9443, 85.7951

74.8605, 76.9443, 84.3049

71.7494, 76.9443, 80.9044

Square

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

74.8605, 76.9443, 84.3049

73.3166, 76.9443, 78.9662

71.4328, 76.9443, 83.2558

72.9502, 76.9443, 88.7840

Rectangle

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

74.8605, 76.9443, 84.3049

74.3822, 76.9443, 80.4029

71.4328, 76.9443, 83.2558

71.8983, 76.9443, 87.2489

Sweetspot

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

74.8627, 76.9476, 84.3066

93.9692, 98.2747, 107.1948

74.7341, 76.7834, 88.7248

20.1247, 21.0530, 22.9621

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.

74.8627, 76.9476, 84.3066

89.7774, 91.5975, 100.5369

74.8574, 77.5969, 82.2704

15.9392, 16.1946, 17.7925

19.8912, 10.1592, 5.2286

1.6051, 0.8150, 0.6379

Inverse Universe

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

74.8627, 76.9476, 84.3066

89.7774, 91.5975, 100.5369

74.9027, 79.9454, 89.3262

15.9392, 16.1946, 17.7925

19.8912, 10.1592, 5.2286

1.6051, 0.8150, 0.6379

Previews

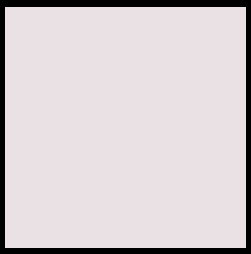
White Background

This preview shows how the XYZ color 74.8605, 76.9443, 84.3049 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



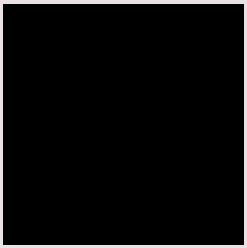
This preview shows how the XYZ color 74.8605, 76.9443, 84.3049 looks on a black background.

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 74.8605, 76.9443, 84.3049 Background



This preview shows how black text looks on a background with the XYZ color 74.8605, 76.9443, 84.3049.

This preview shows how white text looks on a background with the XYZ color 74.8605, 76.9443,

84.3049.

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
74.8605, 76.9443, 84.3049

Protanopia
74.2942, 77.0388, 85.0830

Deuteranopia
78.4475, 76.8000, 84.8180

Tritanopia
76.8569, 76.9591, 94.0229

Trichromacy

Original Color
74.8605, 76.9443, 84.3049

Protanomaly
74.6179, 77.2057, 85.0981

Deuteranomaly
77.2263, 76.9544, 84.9122

Tritanomaly
76.0569, 77.0296, 90.2165

Monochromacy

Original Color
74.8605, 76.9443, 84.3049

Achromatopsia
73.7419, 77.5822, 84.4870

Achromatomaly
74.1058, 77.3626, 84.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8605, 76.9443, 84.3049 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(234, 225, 228) looks like.

```
.text, #text, p{
    color:rgb(234, 225, 228)
}
```

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(234, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.8605, 76.9443, 84.3049 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(234, 225, 228) }
```

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

```
.border{ border-color:rgb(234, 225, 228) }
```

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

Here you see how a box with a 4 pixel rgb(234, 225, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 225, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 225, 228); box-shadow:4px 4px 4px 4px rgb(234, 225, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8605, 76.9443, 84.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(234, 225, 228) }
```

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

```
.background{ background-color:rgb(234,
225, 228) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor