

Converting Colors

XYZ(82.1896, 84.3069, 73.6991)

Have a look what the booklet for
XYZ(82.1896, 84.3069, 73.6991)
contains.

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Color

**XYZ(82.1368, 84.2410,
73.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9D3
RGB	255, 233, 211
RGB Percent	100%, 91%, 83%
CMY	0.0000, 0.0862, 0.1725
CMYK	0.00, 0.09, 0.17, 0.00
HSL	30°, 100%, 91%
HSV	30°, 17%, 100%
XYZ	82.1368, 84.2410, 73.5591
YIQ	237.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

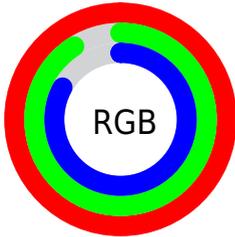
Format	Color
R _Y B	255, 255, 211
Decimal	16771539
CIE Lab	93.56, 4.03, 13.40
CIE LCh	94, 13.990, 73.252
Yxy	84.2410, 0.3423, 0.3511
Android (android.graphics.Color)	4294961619 (0xFFFFE9D3)
YUV	237.0700, -12.8525, 15.7246
Hunter-Lab	91.7829, -0.8799, 16.7303

Details

The XYZ color **82.1368, 84.2410, 73.5591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0521, 79.3445, 106.0198**, and the grayscale version is **80.6369, 84.8363, 92.3867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0116, 45.8503, 37.9301** is the 20% darker color. If you saturate the color by 10%, you get **75.7114, 76.1067, 56.8768**, and if you desaturate by 10%, it is **89.3341, 93.1068, 93.0027**.

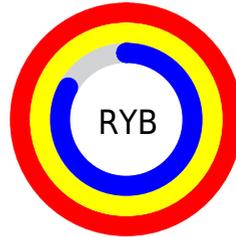
Distribution



Red (100%)

Green (91%)

Blue (83%)



Red (100%)

Yellow (100%)

Blue (83%)

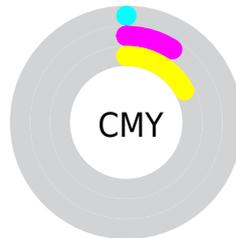


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1368, 84.2410, 73.5591 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 82.1368, 84.2410, 73.5591 by changing the saturation by 10% instead.

 82.1368, 84.2410,
73.5591

 82.1368, 84.2410,
73.5591

490.7327,
509.1132, 492.0729

 61.7928, 63.2144,
53.9387

135.3006,
139.3122, 125.9989

 45.1203, 46.0147,
38.1598

168.8512,
174.1257, 159.6553

 31.7538, 32.2574,
25.8039

207.5346,
214.3036, 198.8274

 21.3282, 21.5582,
16.4526

251.7163,
260.2303, 243.9338

 13.4779, 13.5326,
9.6871

301.7616,
312.2902, 295.3930

 7.8377, 7.7963,
5.0891

358.0359,

 4.0422, 3.9649,

370.8678, 353.6236

2.2400

420.9045,
436.3473, 419.0440

■ 1.7260, 1.6539,
0.6973

■ 0.4725, 0.3936,
0.0000

■ 82.1368, 84.2410,
73.5591

■ 82.1368, 84.2410,
73.5591

■ 75.7114, 76.1067,
56.8768

■ 89.3341, 93.1068,
93.0027

■ 70.0225, 68.6725,
42.8231

95.0500, 100.0000,
108.9000

■ 65.0408, 61.9205,
31.2620

■ 60.7322, 55.8277,
22.0434

■ 57.0594, 50.3695,
15.0005

■ 53.9805, 45.5190,
9.9442

■ 51.4473, 41.2464,
6.6523

■ 49.3988, 37.5163,
4.8388

■ 48.8981, 36.5763,
4.4827

Harmonies

Analogous

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



85.3645, 84.2410, 78.4556



82.1368, 84.2410, 73.5591



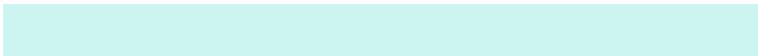
78.4483, 84.2410, 73.2817

Triad

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



82.1368, 84.2410, 73.5591



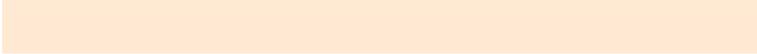
73.3394, 84.2410, 96.4759



85.0445, 84.2410, 107.3838

Complementary

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



82.1368, 84.2410, 73.5591



74.0521, 79.3445, 106.0198

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.



81.7110, 84.2410, 113.0270



82.1368, 84.2410, 73.5591



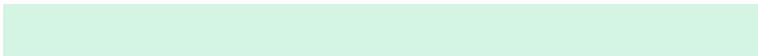
74.9963, 84.2410, 106.4101

Square

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



82.1368, 84.2410, 73.5591



73.4454, 84.2410, 85.9755



78.0353, 84.2410, 112.6576



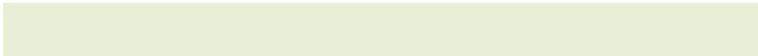
87.0783, 84.2410, 97.7234

Rectangle

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



82.1368, 84.2410, 73.5591



76.2295, 84.2410, 75.7140



78.0353, 84.2410, 112.6576



84.0344, 84.2410, 109.8456

Sweetspot

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



82.1388, 84.2446, 73.5609



91.0650, 95.2066, 97.7785



79.2428, 73.7327, 87.1468



19.3752, 20.2371, 20.6066



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.



82.1388, 84.2446, 73.5609



79.6428, 81.1125, 66.9950



88.7581, 97.4832, 75.7673



18.7600, 19.4881, 18.9172



25.6996, 19.4105, 2.3921



2.6115, 2.1083, 0.2693

Inverse Universe

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



74.0521, 79.3445, 106.0198



70.0621, 75.3071, 105.4508



68.2092, 67.6586, 104.0721



17.7532, 18.8781, 22.9581



13.5781, 12.0658, 51.0479



1.4313, 1.3932, 5.0068

Previews

White Background



This preview shows how the XYZ color 82.1368, 84.2410, 73.5591 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 82.1368, 84.2410, 73.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

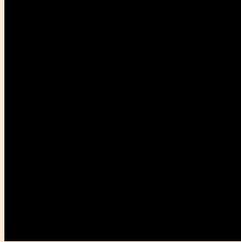
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

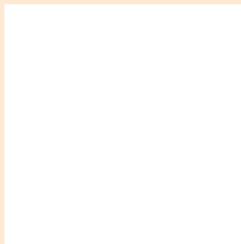
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1368, 84.2410, 73.5591

Background



This preview shows how black text looks on a background with the XYZ color 82.1368, 84.2410, 73.5591.



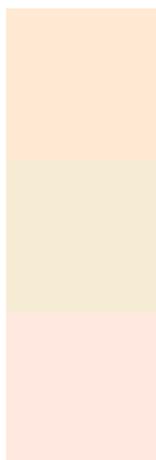
This preview shows how white text looks on a background with the XYZ color 82.1368, 84.2410,

73.5591.

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

82.1368, 84.2410, 73.5591

Protanopia

79.8852, 84.3372, 74.3557

Deuteranopia

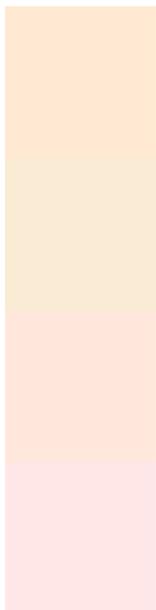
83.4159, 84.3009, 81.6873



Tritanopia

85.8659, 84.3853, 97.3503

Trichromacy



Original Color

82.1368, 84.2410, 73.5591

Protanomaly

80.6589, 84.3099, 74.3096

Deuteranomaly

82.8828, 84.0877, 78.8800

Tritanomaly

84.3814, 84.2380, 88.1561

Monochromacy



Original Color

82.1368, 84.2410, 73.5591

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.3073, 84.8254, 85.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1368, 84.2410, 73.5591 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(255, 233, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 211)  
}
```

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(255, 233, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 211) }
```

Border

The CSS property to change the border of an element to XYZ 82.1368, 84.2410, 73.5591 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(255, 233, 211) }
```

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

```
.border{ border-color:rgb(255, 233, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1368, 84.2410, 73.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 211) }
```

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

```
.background{ background-color: rgb(255,  
233, 211) }
```

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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