

Converting Colors

XYZ(81.2117, 82.9300, 73.3630)

Have a look what the booklet for
XYZ(81.2117, 82.9300, 73.3630)
contains.

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Color

**XYZ(81.2068, 82.9258,
73.3542)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE7D3
RGB	254, 231, 211
RGB Percent	100%, 91%, 83%
CMY	0.0039, 0.0941, 0.1725
CMYK	0.00, 0.09, 0.17, 0.00
HSL	28°, 96%, 91%
HSV	28°, 17%, 100%
XYZ	81.2068, 82.9258, 73.3542
YIQ	235.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

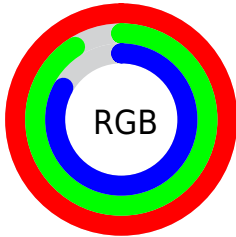
Format	Color
R _Y B	254, 248, 211
Decimal	16705491
CIE Lab	92.98, 4.70, 12.57
CIE LCh	93, 13.421, 69.511
Yxy	82.9258, 0.3419, 0.3492
Android (android.graphics.Color)	4294895571 (0xFFFE7D3)
YUV	235.5970, -12.1263, 16.1394
Hunter-Lab	91.0636, -0.1823, 15.9848

Details

The XYZ color **81.2068, 82.9258, 73.3542** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1757, 79.8484, 105.2693**, and the grayscale version is **79.5016, 83.6418, 91.0859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3567, 44.9306, 37.7871** is the 20% darker color. If you saturate the color by 10%, you get **74.6160, 74.4433, 56.6690**, and if you desaturate by 10%, it is **88.6004, 92.2071, 92.7913**.

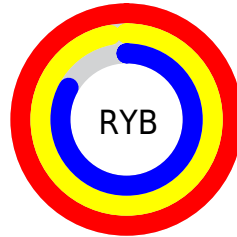
Distribution



Red (100%)

Green (91%)

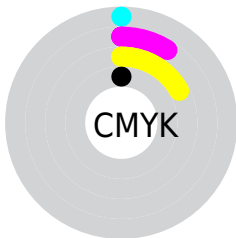
Blue (83%)



Red (100%)

Yellow (97%)

Blue (83%)

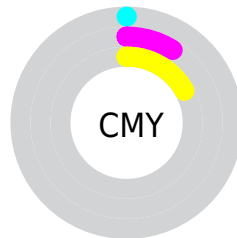


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2068, 82.9258, 73.3542 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 81.2068, 82.9258, 73.3542 by changing the saturation by 10% instead.


 81.2068, 82.9258,
73.3542

 81.2068, 82.9258,
73.3542


487.6654,
504.7392, 491.3452

 61.0238, 62.1289,
53.7721


134.0027,
137.4715, 125.7055

 44.4970, 45.1369,
38.0275


167.3464,
171.9892, 159.3117

 31.2610, 31.5653,
25.7020

205.8077,
211.8493, 198.4297

 20.9505, 21.0297,
16.3771


249.7519,
257.4361, 243.4780

 13.2001, 13.1457,
9.6342

299.5444,
309.1341, 294.8752

 7.6444, 7.5289,
5.0547

355.5506,

 3.9181, 3.7950,

367.3277, 353.0397

2.2201

418.1358,
432.4013, 418.3902

■ 1.6559, 1.5596,
0.6859

■ 0.4284, 0.3301,
0.0000

■ 81.2068, 82.9258,
73.3542

■ 81.2068, 82.9258,
73.3542

■ 74.6160, 74.4433,
56.6690

■ 88.6004, 92.2071,
92.7913

■ 68.7910, 66.7258,
42.6039

94.6833, 99.8110,
108.8828

■ 63.7016, 59.7529,
31.0245

■ 59.3130, 53.4993,
21.7818

■ 55.5869, 47.9376,
14.7109

■ 52.4803, 43.0384,
9.6249

■ 49.9441, 38.7689,
6.3045

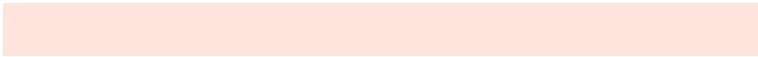
■ 47.9175, 35.0911,
4.4717

■ 47.3717, 34.0678,
4.0790

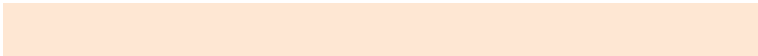
Harmonies

Analogous

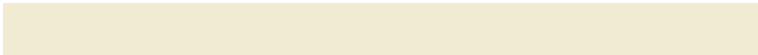
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1461, 82.9258, 78.5336



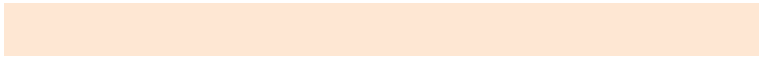
81.2068, 82.9258, 73.3542



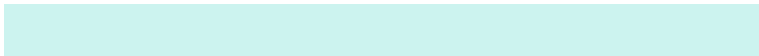
77.7075, 82.9258, 72.5233

Triad

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



81.2068, 82.9258, 73.3542



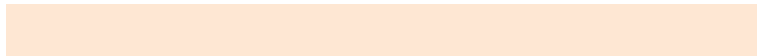
72.3418, 82.9258, 93.5270



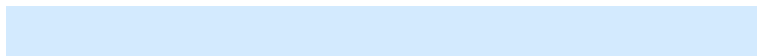
83.1952, 82.9258, 106.0562

Complementary

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



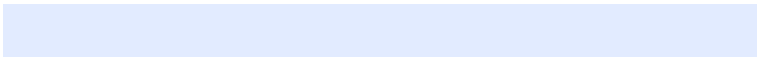
81.2068, 82.9258, 73.3542



74.1757, 79.8484, 105.2693

Split Complementary

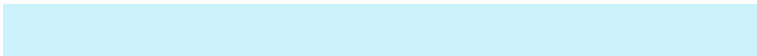
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9401, 82.9258, 110.7492



81.2068, 82.9258, 73.3542



73.7206, 82.9258, 103.1693

Square

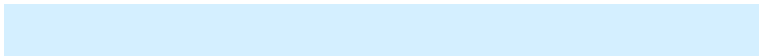
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2068, 82.9258, 73.3542



72.6582, 82.9258, 83.6880



76.4775, 82.9258, 109.6552



85.3175, 82.9258, 97.2348

Rectangle

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



81.2068, 82.9258, 73.3542



75.5374, 82.9258, 74.4798



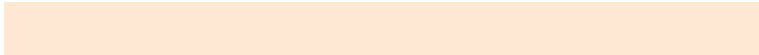
76.4775, 82.9258, 109.6552



82.1933, 82.9258, 108.1975

Sweetspot

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



81.2090, 82.9295, 73.3560



90.9279, 94.9324, 97.7328



79.1130, 73.6383, 88.3772



19.3419, 20.1706, 20.5955



0.0000, 0.0000, 0.0000



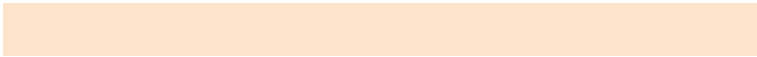
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2090, 82.9295, 73.3560



79.8074, 80.9563, 68.5466



87.3949, 95.3013, 75.4179



18.7060, 19.3801, 18.8992



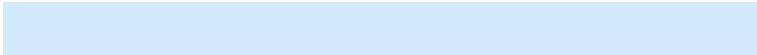
25.1191, 18.2495, 2.1986



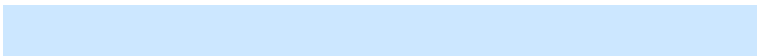
2.5538, 1.9930, 0.2501

Inverse Universe

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



74.1757, 79.8484, 105.2693



71.6043, 77.3622, 105.7662



68.5864, 68.6698, 103.4062



17.8075, 18.9866, 22.9762



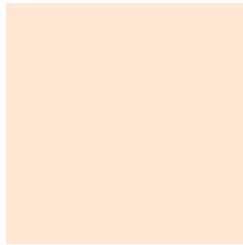
14.2099, 13.3293, 51.2585



1.4930, 1.5166, 5.0273

Previews

White Background



This preview shows how the XYZ color 81.2068, 82.9258, 73.3542 looks on a white background.

Color Contrast Check

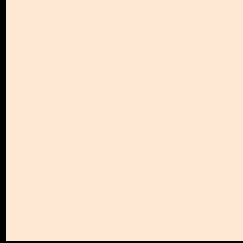
Large Text (above 18pt) WCAG AA × Fail

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 81.2068, 82.9258, 73.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

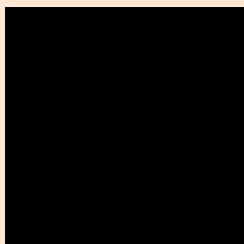
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

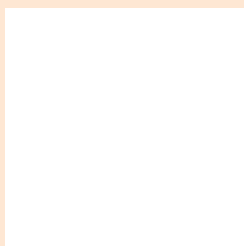
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2068, 82.9258, 73.3542

Background



This preview shows how black text looks on a background with the XYZ color 81.2068, 82.9258, 73.3542.



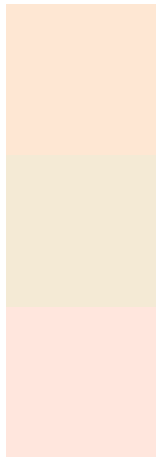
This preview shows how white text looks on a background with the XYZ color 81.2068, 82.9258,

73.3542.

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

81.2068, 82.9258, 73.3542

Protanopia

78.7413, 82.8828, 74.7987

Deuteranopia

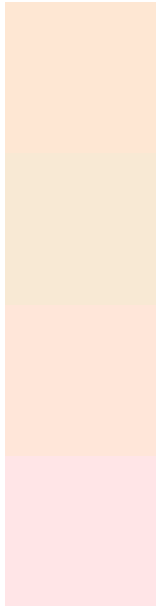
82.5880, 83.0741, 80.0887



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

81.2068, 82.9258, 73.3542

Protanomaly

79.7340, 82.9878, 74.1032

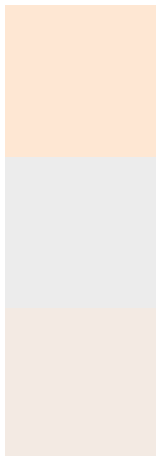
Deuteranomaly

82.0612, 82.8634, 77.3148

Tritanomaly

83.6831, 83.0681, 87.2245

Monochromacy



Original Color

81.2068, 82.9258, 73.3542

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2501, 83.4464, 84.5502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2068, 82.9258, 73.3542 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(254, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 211) }
```

Border

The CSS property to change the border of an element to XYZ 81.2068, 82.9258, 73.3542 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(254, 231, 211) }
```


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

```
.border{ border-color:rgb(254, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2068, 82.9258, 73.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 211) }
```

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

```
.background{ background-color: rgb(254,  
231, 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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