

Converting Colors

XYZ(83.2356, 83.8364, 81.9478)

Have a look what the booklet for
XYZ(83.2356, 83.8364, 81.9478)
contains.

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Color

**XYZ(83.1352, 83.7395,
81.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7DF
RGB	255, 231, 223
RGB Percent	100%, 91%, 87%
CMY	0.0000, 0.0941, 0.1255
CMYK	0.00, 0.09, 0.13, 0.00
HSL	15°, 100%, 94%
HSV	15°, 13%, 100%
XYZ	83.1352, 83.7395, 81.5937
YIQ	237.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

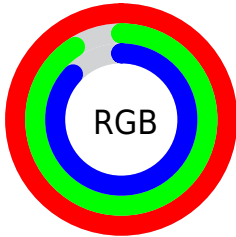
Format	Color
R _Y B	255, 234, 223
Decimal	16771039
CIE Lab	93.34, 6.89, 6.85
CIE LCh	93, 9.718, 44.829
Yxy	83.7395, 0.3346, 0.3370
Android (android.graphics.Color)	4294961119 (0xFFFFE7DF)
YUV	237.2640, -7.0322, 15.5545
Hunter-Lab	91.5093, 2.0241, 11.1909

Details

The XYZ color **83.1352, 83.7395, 81.5937** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7414, 89.4271, 107.5607**, and the grayscale version is **80.7447, 84.9497, 92.5102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6866, 45.4929, 43.4188** is the 20% darker color. If you saturate the color by 10%, you get **74.8903, 72.3437, 63.1418**, and if you desaturate by 10%, it is **92.4864, 96.5188, 102.9710**.

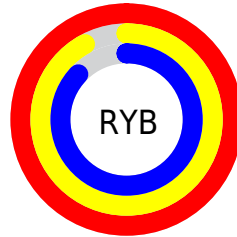
Distribution



Red (100%)

Green (91%)

Blue (87%)



Red (100%)

Yellow (92%)

Blue (87%)



Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1352, 83.7395, 81.5937 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 83.1352, 83.7395, 81.5937 by changing the saturation by 10% instead.


 83.1352, 83.7395,
81.5937

 83.1352, 83.7395,
81.5937


494.0141,
507.4478, 520.1353

 62.6190, 62.8004,
60.4968


136.6923,
138.6107, 137.4356

 45.7905, 45.6797,
43.3913


170.4640,
173.3116, 173.0178

 32.2845, 31.9932,
29.8586


209.3848,
213.3685, 214.2655

 21.7355, 21.3563,
19.4801

253.8202,
259.1659, 261.5972

 13.7782, 13.3847,
11.8374

304.1354,
311.0882, 315.4315

 8.0472, 7.6940,
6.5119

360.6959,

 4.1772, 3.8998,

369.5196, 376.1869

3.0850

423.8670,
434.8447, 444.2820

■ 1.8029, 1.6176,
1.1382

■ 0.5194, 0.3695,
0.0000

■ 83.1352, 83.7395,
81.5937

■ 83.1352, 83.7395,
81.5937

■ 74.8903, 72.3437,
63.1418

■ 92.4864, 96.5188,
102.9710

■ 67.7043, 62.2741,
47.4823

95.0500, 100.0000,
108.9000

■ 61.5345, 53.4851,
34.4796

■ 56.3331, 45.9241,
23.9849

■ 52.0483, 39.5352,
15.8342

■ 48.6231, 34.2574,
9.8442

■ 45.9934, 30.0242,
5.8037

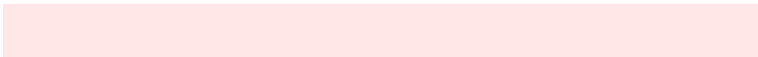
■ 44.0845, 26.7610,
3.4580

■ 43.0615, 24.9029,
2.5372

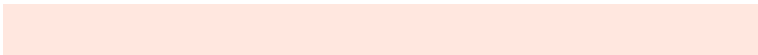
Harmonies

Analogous

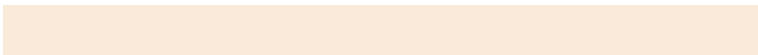
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4472, 83.7395, 87.6165



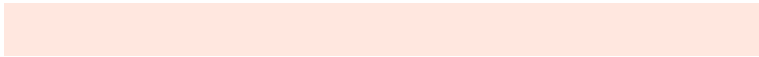
83.1352, 83.7395, 81.5937



80.8874, 83.7395, 78.2342

Triad

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



83.1352, 83.7395, 81.5937



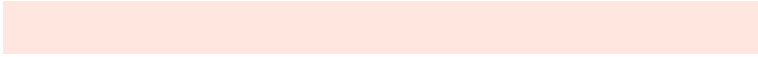
74.9337, 83.7395, 87.5373



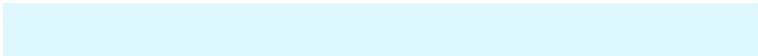
80.8587, 83.7395, 105.5003

Complementary

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



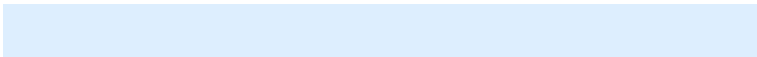
83.1352, 83.7395, 81.5937



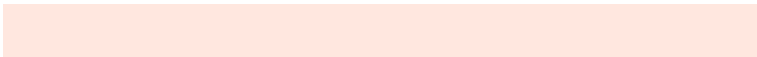
81.7414, 89.4271, 107.5607

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.



78.3103, 83.7395, 105.4763



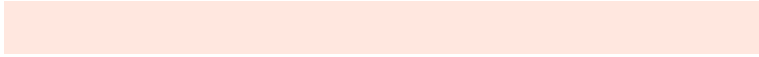
83.1352, 83.7395, 81.5937



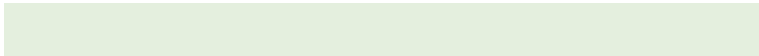
74.9264, 83.7395, 94.8349

Square

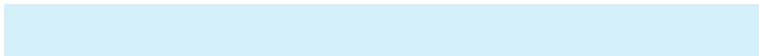
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1352, 83.7395, 81.5937



76.1709, 83.7395, 81.5384



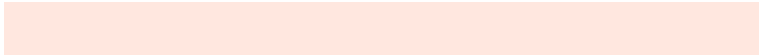
76.1507, 83.7395, 101.4851



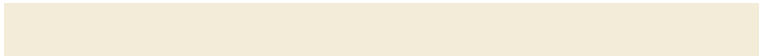
83.1138, 83.7395, 101.5490

Rectangle

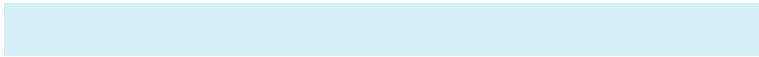
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1352, 83.7395, 81.5937



79.1781, 83.7395, 77.8363



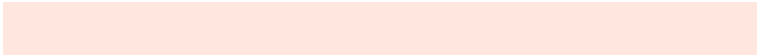
76.1507, 83.7395, 101.4851



80.0071, 83.7395, 105.9635

Sweetspot

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



83.1371, 83.7430, 81.5955



91.0593, 94.5771, 99.6821



84.4167, 80.7517, 99.1334



19.3342, 20.0305, 20.9766



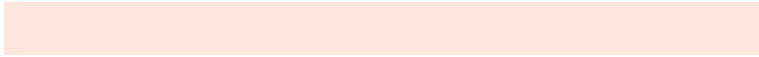
0.0000, 0.0000, 0.0000



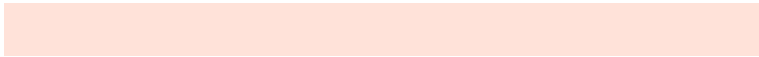
20.3446, 21.4041, 23.3091

Same Dimension

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



83.1371, 83.7430, 81.5955



81.0148, 80.8227, 76.8057



87.8204, 93.1096, 83.1566



18.3785, 18.7252, 18.7900



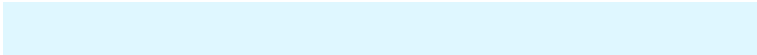
22.5992, 13.2097, 1.3586



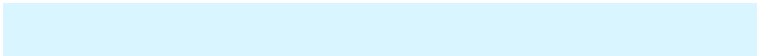
2.2826, 1.4506, 0.1597

Inverse Universe

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



81.7414, 89.4271, 107.5607



79.3742, 87.4998, 107.3134



77.0582, 80.0608, 105.9996



18.1475, 19.6666, 23.0895



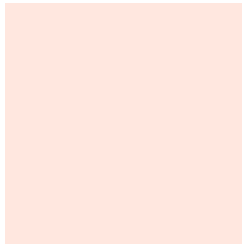
19.3155, 23.5406, 52.9603



1.9672, 2.4652, 5.1854

Previews

White Background



This preview shows how the XYZ color 83.1352, 83.7395, 81.5937 looks on a white background.

Color Contrast Check

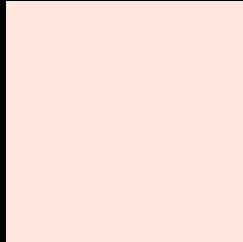
Large Text (above 18pt) WCAG AA × Fail

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 83.1352, 83.7395, 81.5937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

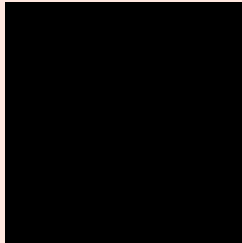
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1352, 83.7395, 81.5937

Background



This preview shows how black text looks on a background with the XYZ color 83.1352, 83.7395, 81.5937.



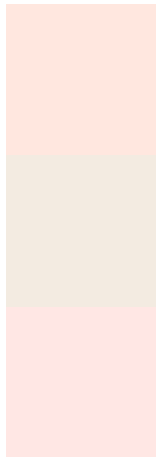
This preview shows how white text looks on a background with the XYZ color 83.1352, 83.7395,

81.5937.

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

83.1352, 83.7395, 81.5937

Protanopia

80.2611, 83.9076, 83.1997

Deuteranopia

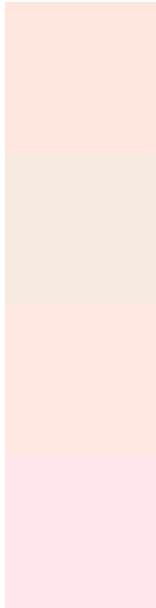
83.8195, 84.0133, 85.1972



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

83.1352, 83.7395, 81.5937

Protanomaly

81.2351, 84.0016, 82.4534

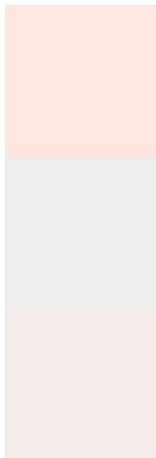
Deuteranomaly

83.5434, 83.9028, 83.7432

Tritanomaly

84.6771, 83.9098, 91.0901

Monochromacy



Original Color

83.1352, 83.7395, 81.5937

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5820, 84.4760, 88.3496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1352, 83.7395, 81.5937 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, 231, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 223)  
}
```

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, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 223) }
```

Border

The CSS property to change the border of an element to XYZ 83.1352, 83.7395, 81.5937 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, 231, 223) }
```


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

```
.border{ border-color:rgb(255, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1352, 83.7395, 81.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 223) }
```

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

```
.background{ background-color: rgb(255,  
231, 223) }
```

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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