

Converting Colors

XYZ(82.5323, 82.9673, 83.6159)

Have a look what the booklet for
XYZ(82.5323, 82.9673, 83.6159)
contains.

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Color

**XYZ(82.5323, 82.9673,
83.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE6E2
RGB	253, 230, 226
RGB Percent	99%, 90%, 89%
CMY	0.0078, 0.0980, 0.1137
CMYK	0.00, 0.09, 0.11, 0.01
HSL	9°, 87%, 94%
HSV	9°, 11%, 99%
XYZ	82.5323, 82.9673, 83.6159
YIQ	236.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

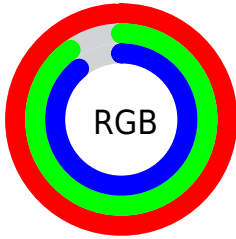
Format	Color
R _Y B	253, 231, 226
Decimal	16639714
CIE Lab	93.00, 7.19, 4.78
CIE LCh	93, 8.632, 33.637
Yxy	82.9673, 0.3313, 0.3330
Android (android.graphics.Color)	4294829794 (0xFFFDE6E2)
YUV	236.4210, -5.1376, 14.5398
Hunter-Lab	91.0864, 2.3356, 9.3332

Details

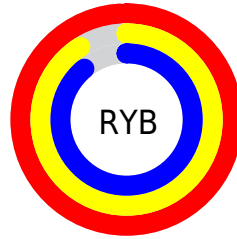
The XYZ color **82.5323, 82.9673, 83.6159** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9690, 91.0102, 106.1231**, and the grayscale version is **80.0835, 84.2541, 91.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4456, 45.3360, 44.8836** is the 20% darker color. If you saturate the color by 10%, you get **73.6837, 70.4215, 64.7836**, and if you desaturate by 10%, it is **92.6390, 97.2078, 105.3968**.

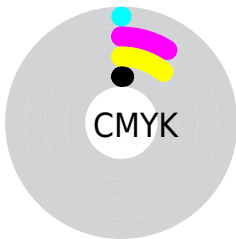
Distribution



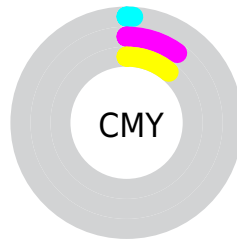
- Red (99%)
- Green (90%)
- Blue (89%)



- Red (99%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5323, 82.9673, 83.6159 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 82.5323, 82.9673, 83.6159 by changing the saturation by 10% instead.


 82.5323, 82.9673,
83.6159

 82.5323, 82.9673,
83.6159


492.0340,
504.8775, 527.0615

 62.1200, 62.1632,
62.1548


135.8522,
137.5297, 140.2947

 45.3856, 45.1646,
44.7212


169.4904,
172.0567, 176.3495

 31.9639, 31.5871,
30.8965


208.2680,
211.9268, 218.1059

 21.4893, 21.0463,
20.2623

252.5504,
257.5244, 265.9825

 13.5966, 13.1578,
12.3999

302.7028,
309.2339, 320.3978

 7.9205, 7.5373,
6.8908

359.0906,

 4.0955, 3.8004,

367.4396, 381.7704

3.3165

422.0792,
432.5261, 450.5188

■ 1.7563, 1.5625,
1.2584

■ 0.4911, 0.3321,
0.0273

■ 82.5323, 82.9673,
83.6159

■ 82.5323, 82.9673,
83.6159

■ 73.6837, 70.4215,
64.7836

■ 92.6390, 97.2078,
105.3968

■ 66.0372, 59.4966,
48.7679

■ 94.3184, 99.6228,
108.8658

■ 59.5423, 50.1296,
35.4347

■ 54.1427, 42.2491,
24.6368

■ 49.7770, 35.7782,
16.2127

■ 46.3778, 30.6331,
9.9825

■ 43.8691, 26.7206,
5.7402

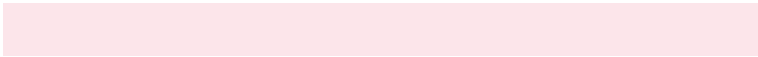
■ 42.1633, 23.9356,
3.2403

■ 41.1864, 22.2388,
2.1218

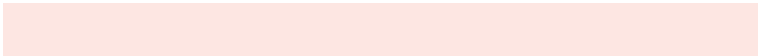
Harmonies

Analogous

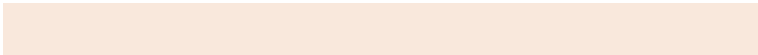
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2757, 82.9673, 89.5499



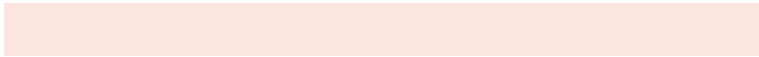
82.5323, 82.9673, 83.6159



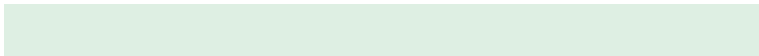
80.8038, 82.9673, 79.6366

Triad

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



82.5323, 82.9673, 83.6159



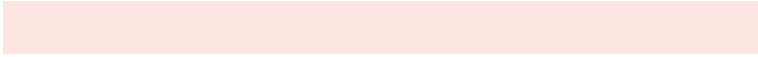
75.0272, 82.9673, 84.9216



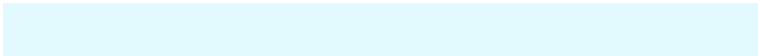
79.1340, 82.9673, 103.3384

Complementary

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



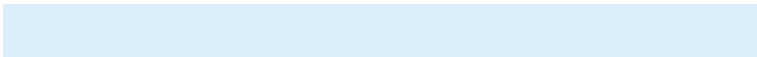
82.5323, 82.9673, 83.6159



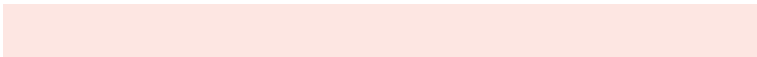
82.9690, 91.0102, 106.1231

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.



76.9435, 82.9673, 101.9560



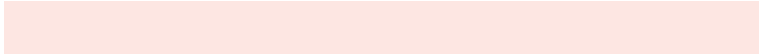
82.5323, 82.9673, 83.6159



74.5992, 82.9673, 91.1292

Square

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



82.5323, 82.9673, 83.6159



76.4747, 82.9673, 80.3648



75.2943, 82.9673, 97.4095



81.2902, 82.9673, 101.1024

Rectangle

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



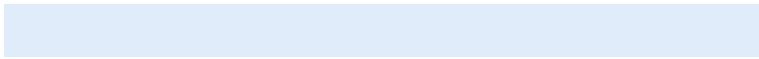
82.5323, 82.9673, 83.6159



79.3406, 82.9673, 78.5221



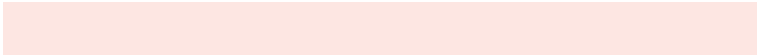
75.2943, 82.9673, 97.4095



78.3772, 82.9673, 103.2820

Sweetspot

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



82.5346, 82.9710, 83.6177



91.7992, 95.4302, 101.8607



84.8667, 82.1411, 101.3327



19.4671, 20.1704, 21.4098



0.0000, 0.0000, 0.0000



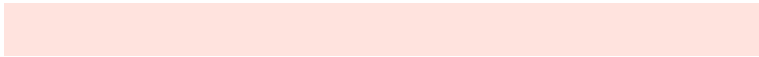
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5346, 82.9710, 83.6177



81.8100, 81.3365, 80.3895



86.3170, 90.5357, 84.8785



18.2267, 18.4217, 18.7394



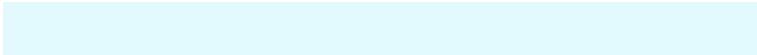
21.9728, 11.9568, 1.1498



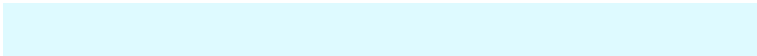
2.2008, 1.2869, 0.1324

Inverse Universe

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



82.9690, 91.0102, 106.1231



82.3398, 91.1489, 107.8615



79.0614, 83.1951, 104.8206



18.3118, 19.9952, 23.1443



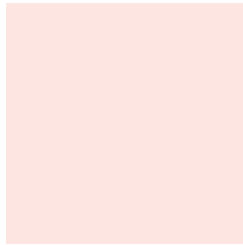
22.5082, 29.9259, 54.0246



2.2512, 3.0332, 5.2801

Previews

White Background



This preview shows how the XYZ color 82.5323, 82.9673, 83.6159 looks on a white background.

Color Contrast Check

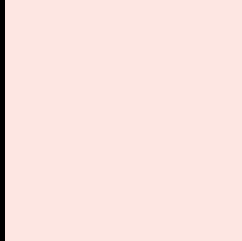
Large Text (above 18pt) WCAG AA × Fail

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 82.5323, 82.9673, 83.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

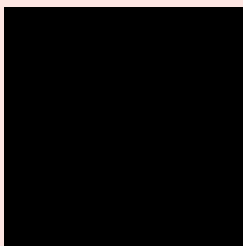
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

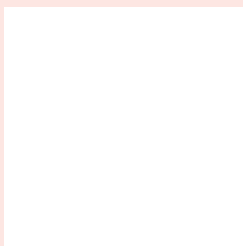
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5323, 82.9673, 83.6159

Background



This preview shows how black text looks on a background with the XYZ color 82.5323, 82.9673, 83.6159.



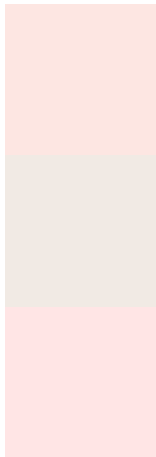
This preview shows how white text looks on a background with the XYZ color 82.5323, 82.9673,

83.6159.

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

82.5323, 82.9673, 83.6159

Protanopia

79.7020, 83.1478, 85.2472

Deuteranopia

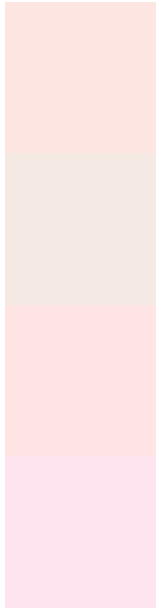
83.4022, 82.9558, 85.7450



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

82.5323, 82.9673, 83.6159

Protanomaly

80.6602, 83.2364, 84.4880

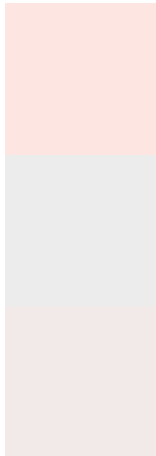
Deuteranomaly

82.8960, 82.7109, 84.9945

Tritanomaly

84.0491, 82.7307, 92.4277

Monochromacy



Original Color

82.5323, 82.9673, 83.6159

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6063, 83.5491, 88.2221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5323, 82.9673, 83.6159 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(253, 230, 226) looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 226)  
}
```

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(253, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 226) }
```

Border

The CSS property to change the border of an element to XYZ 82.5323, 82.9673, 83.6159 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(253, 230, 226) }
```


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

```
.border{ border-color:rgb(253, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5323, 82.9673, 83.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 226) }
```

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

```
.background{ background-color: rgb(253,  
230, 226) }
```

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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