

Converting Colors

XYZ(84.9552, 82.1017, 83.9432)

Have a look what the booklet for
XYZ(84.9552, 82.1017, 83.9432)
contains.

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Color

**XYZ(82.0303, 80.6565,
83.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E3
RGB	255, 225, 227
RGB Percent	100%, 88%, 89%
CMY	0.0000, 0.1176, 0.1098
CMYK	0.00, 0.12, 0.11, 0.00
HSL	356°, 100%, 94%
HSV	356°, 12%, 100%
XYZ	82.0303, 80.6565, 83.9178
YIQ	234.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 225, 227
Decimal	16769507
CIE Lab	91.98, 10.62, 2.80
CIE LCh	92, 10.984, 14.770
Yxy	80.6565, 0.3326, 0.3271
Android (android.graphics.Color)	4294959587 (0xFFFFE1E3)
YUV	234.1980, -3.5486, 18.2434
Hunter-Lab	89.8090, 5.8738, 7.4655

Details

The XYZ color **82.0303, 80.6565, 83.9178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5436, 94.6207, 106.7401**, and the grayscale version is **78.3753, 82.4569, 89.7955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1098, 43.7338, 45.0936** is the 20% darker color. If you saturate the color by 10%, you get **72.5832, 66.6614, 65.6650**, and if you desaturate by 10%, it is **92.9650, 96.8990, 104.9094**.

Distribution



Red (100%)

Green (88%)

Blue (89%)



Red (100%)

Yellow (88%)

Blue (89%)



Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0303, 80.6565, 83.9178 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 82.0303, 80.6565, 83.9178 by changing the saturation by 10% instead.


 82.0303, 80.6565,
83.9178

 82.0303, 80.6565,
83.9178


490.3820,
497.1425, 528.0911

 61.7047, 60.2587,
62.4026


135.1521,
134.2883, 140.7209

 45.0488, 43.6272,
44.9202


168.6790,
168.2912, 176.8458

 31.6973, 30.3775,
31.0521


207.3371,
207.5979, 218.6778

 21.2848, 20.1253,
20.3797

251.4916,
252.5928, 266.6352

 13.4460, 12.4862,
12.4845

301.5080,
303.6603, 321.1367

 7.8155, 7.0757,
6.9480

357.7517,

 4.0279, 3.5095,

361.1849, 382.6009

3.3517

420.5879,
425.5508, 451.4462

■ 1.7179, 1.4032,
1.2769

■ 0.4675, 0.2190,
0.0427

■ 82.0303, 80.6565,
83.9178

■ 82.0303, 80.6565,
83.9178

■ 72.5832, 66.6614,
65.6650

■ 92.9650, 96.8990,
104.9094

■ 64.5539, 54.8051,
50.0333

95.0500, 100.0000,
108.9000

■ 57.8756, 44.9854,
36.9037

■ 52.4740, 37.0876,
26.1464

■ 48.2675, 30.9856,
17.6196

■ 45.1651, 26.5384,
11.1665

■ 43.0625, 23.5840,
6.6098

■ 41.8355, 21.9275,
3.7427

■ 41.3409, 21.3004,
2.4613

Harmonies

Analogous

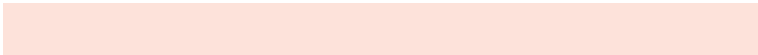
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0185, 80.6565, 91.9680



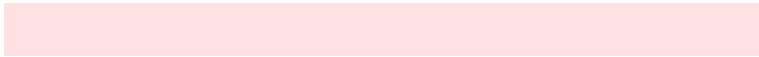
82.0303, 80.6565, 83.9178



80.5796, 80.6565, 77.3229

Triad

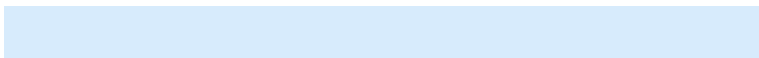
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0303, 80.6565, 83.9178



72.9024, 80.6565, 77.2419



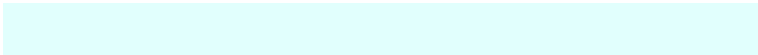
75.2447, 80.6565, 103.6889

Complementary

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



82.0303, 80.6565, 83.9178



84.5436, 94.6207, 106.7401

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.



72.8727, 80.6565, 99.2292



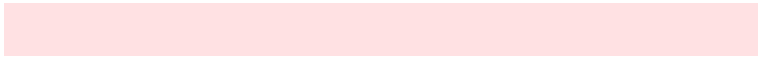
82.0303, 80.6565, 83.9178



71.5431, 80.6565, 83.8010

Square

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



82.0303, 80.6565, 83.9178



75.2862, 80.6565, 73.6323



71.5324, 80.6565, 91.8438



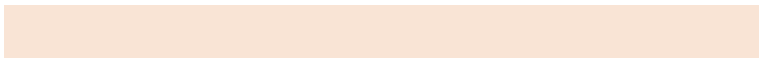
78.0536, 80.6565, 103.7250

Rectangle

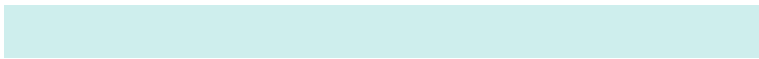
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



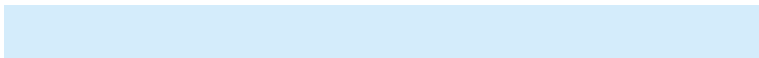
82.0303, 80.6565, 83.9178



78.9984, 80.6565, 74.4974



71.5324, 80.6565, 91.8438



74.3713, 80.6565, 102.6458

Sweetspot

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



82.0322, 80.6599, 83.9195



90.3865, 93.0657, 99.9693



85.4850, 81.9565, 105.9214



19.1646, 19.6496, 21.0489



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

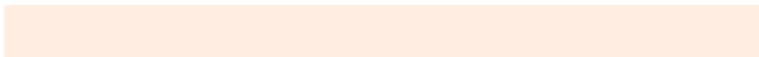
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0322, 80.6599, 83.9195



79.7911, 77.3362, 79.6010



85.4070, 87.8477, 83.6935



18.0584, 18.0067, 18.9246



21.6197, 11.1372, 1.3817



2.1214, 1.0909, 0.2205

Inverse Universe

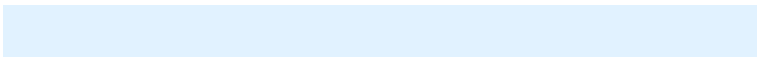
The Inverse Universe completely reimagines the original color for something new.



82.0322, 80.6599, 83.9195



79.7911, 77.3362, 79.6010



80.8562, 86.7344, 107.0876



18.0584, 18.0067, 18.9246



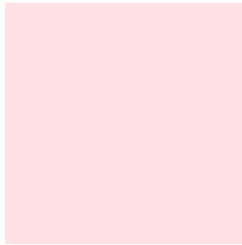
21.6197, 11.1372, 1.3817



2.1214, 1.0909, 0.2205

Previews

White Background



This preview shows how the XYZ color 82.0303, 80.6565, 83.9178 looks on a white background.

Color Contrast Check

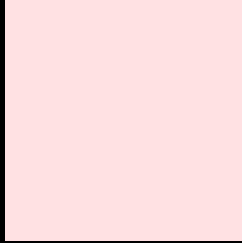
Large Text (above 18pt) WCAG AA × Fail

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 82.0303, 80.6565, 83.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

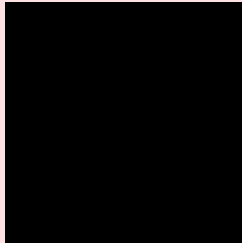
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

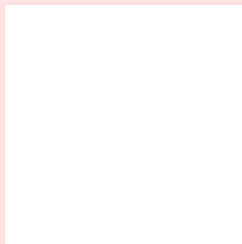
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0303, 80.6565, 83.9178

Background



This preview shows how black text looks on a background with the XYZ color 82.0303, 80.6565, 83.9178.



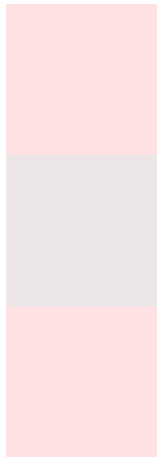
This preview shows how white text looks on a background with the XYZ color 82.0303, 80.6565,

83.9178.

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

82.0303, 80.6565, 83.9178

Protanopia

77.4509, 80.6979, 86.3571

Deuteranopia

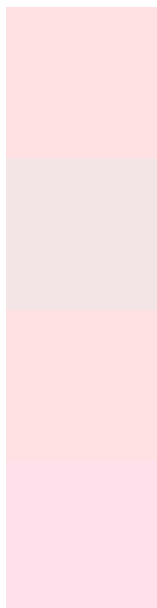
82.0303, 80.6565, 83.9178



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

82.0303, 80.6565, 83.9178

Protanomaly

79.1243, 80.7505, 85.5448

Deuteranomaly

82.0303, 80.6565, 83.9178

Tritanomaly

82.8911, 80.5695, 89.7799

Monochromacy



Original Color

82.0303, 80.6565, 83.9178

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.6177, 81.7986, 87.1937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0303, 80.6565, 83.9178 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, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 227)  
}
```

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, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.0303, 80.6565, 83.9178 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, 225, 227) }
```


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

```
.border{ border-color:rgb(255, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0303, 80.6565, 83.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 227) }
```

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

```
.background{ background-color: rgb(255,  
225, 227) }
```

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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