

Converting Colors

XYZ(86.7233, 83.4844, 82.6013)

Have a look what the booklet for
XYZ(86.7233, 83.4844, 82.6013)
contains.

XYZ(82.0270, 81.0890, 82.5626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.0270, 81.0890,
82.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E1
RGB	255, 226, 225
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1137, 0.1176
CMYK	0.00, 0.11, 0.12, 0.00
HSL	2°, 100%, 94%
HSV	2°, 12%, 100%
XYZ	82.0270, 81.0890, 82.5626
YIQ	234.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

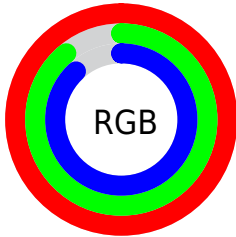
Format	Color
R _Y B	255, 226, 225
Decimal	16769761
CIE Lab	92.17, 9.78, 4.12
CIE LCh	92, 10.618, 22.860
Yxy	81.0890, 0.3339, 0.3301
Android (android.graphics.Color)	4294959841 (0xFFFFE2E1)
YUV	234.5570, -4.7116, 17.9285
Hunter-Lab	90.0494, 5.0111, 8.6741

Details

The XYZ color **82.0270, 81.0890, 82.5626** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5422, 94.1085, 108.3167**, and the grayscale version is **78.6559, 82.7521, 90.1171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1073, 44.0339, 44.1522** is the 20% darker color. If you saturate the color by 10%, you get **72.5778, 67.3482, 63.5129**, and if you desaturate by 10%, it is **92.9627, 96.9709, 104.6730**.

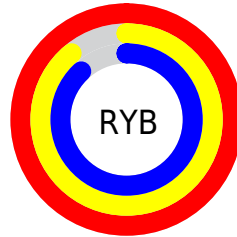
Distribution



Red (100%)

Green (89%)

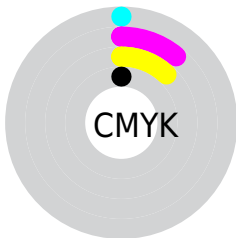
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

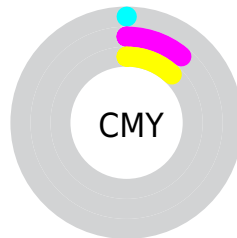


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0270, 81.0890, 82.5626 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 82.0270, 81.0890, 82.5626 by changing the saturation by 10% instead.


 82.0270, 81.0890,
82.5626

 82.0270, 81.0890,
82.5626


490.3711,
498.5953, 523.4604

 61.7020, 60.6149,
61.2909

135.1475,
134.8957, 138.8064

 45.0466, 43.9145,
44.0279


168.6737,
168.9971, 174.6156

 31.6956, 30.6033,
30.3551


207.3309,
208.4098, 216.1077

 21.2835, 20.2969,
19.8539

251.4847,
253.5181, 263.7012

 13.4450, 12.6111,
12.1059

301.5002,
304.7064, 317.8147

 7.8148, 7.1613,
6.6924

357.7429,

 4.0275, 3.5632,

362.3591, 378.8667

3.1950

420.5781,
426.8606, 447.2757

■ 1.7177, 1.4323,
1.1950

■ 0.4673, 0.2404,
0.0000

■ 82.0270, 81.0890,
82.5626

■ 82.0270, 81.0890,
82.5626

■ 72.5778, 67.3482,
63.5129

■ 92.9627, 96.9709,
104.6730

■ 64.5458, 55.6475,
47.3843

95.0500, 100.0000,
108.9000

■ 57.8644, 45.8926,
34.0339

■ 52.4592, 37.9781,
23.3050

■ 48.2491, 31.7884,
15.0250

■ 45.1434, 27.1951,
9.0010

■ 43.0384, 24.0518,
5.0110

■ 41.8108, 22.1849,
2.7880

■ 41.3327, 21.4454,
1.9609

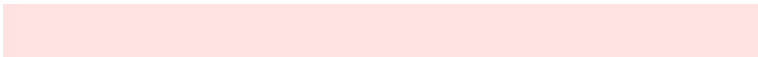
Harmonies

Analogous

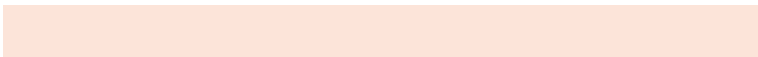
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4161, 81.0890, 90.1798



82.0270, 81.0890, 82.5626



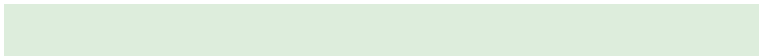
80.2956, 81.0890, 76.8085

Triad

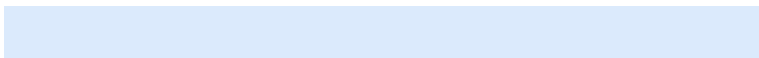
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0270, 81.0890, 82.5626



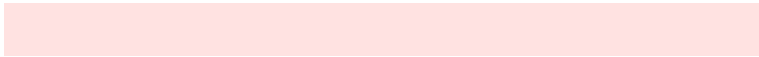
72.9510, 81.0890, 79.4969



76.4201, 81.0890, 104.1160

Complementary

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



82.0270, 81.0890, 82.5626



84.5422, 94.1085, 108.3167

Split Complementary

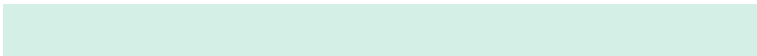
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9371, 81.0890, 100.8669



82.0270, 81.0890, 82.5626



71.9653, 81.0890, 86.4310

Square

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



82.0270, 81.0890, 82.5626



75.0452, 81.0890, 75.1131



72.3219, 81.0890, 94.2808



79.1363, 81.0890, 102.9291

Rectangle

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



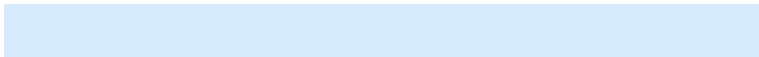
82.0270, 81.0890, 82.5626



78.6348, 81.0890, 74.6519



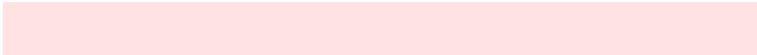
72.3219, 81.0890, 94.2808



75.5313, 81.0890, 103.5002

Sweetspot

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



82.0289, 81.0924, 82.5643



90.3862, 93.2309, 99.4577



86.0550, 82.2670, 105.1095



19.1645, 19.6912, 20.9201



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

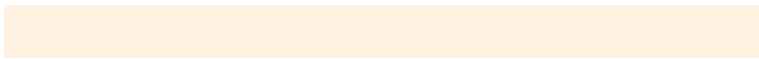
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0289, 81.0924, 82.5643



79.7892, 77.8372, 78.0438



86.2863, 89.6074, 83.9835



18.0581, 18.0844, 18.6832



21.6183, 11.2478, 1.0316



2.1213, 1.1280, 0.1059

Inverse Universe

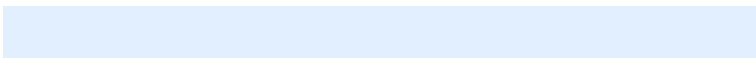
The Inverse Universe completely reimagines the original color for something new.



84.5422, 94.1085, 108.3167



82.7336, 93.0862, 108.2147



79.9686, 84.9613, 106.7921



18.4996, 20.3709, 23.2069



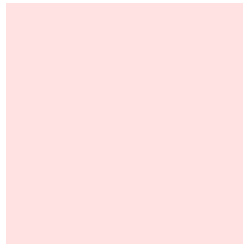
26.7482, 38.4059, 55.4379



2.6201, 3.7709, 5.4030

Previews

White Background



This preview shows how the XYZ color 82.0270, 81.0890, 82.5626 looks on a white background.

Color Contrast Check

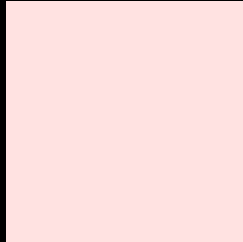
Large Text (above 18pt) WCAG AA × Fail

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 82.0270, 81.0890, 82.5626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

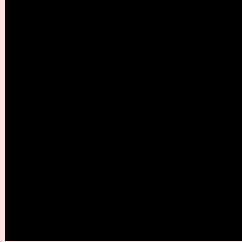
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

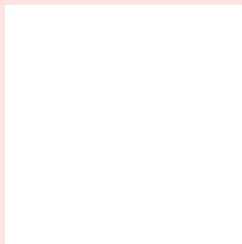
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0270, 81.0890, 82.5626

Background



This preview shows how black text looks on a background with the XYZ color 82.0270, 81.0890, 82.5626.



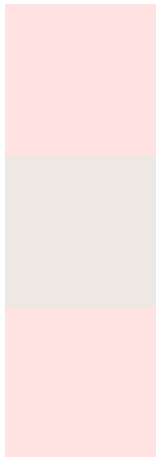
This preview shows how white text looks on a background with the XYZ color 82.0270, 81.0890,

82.5626.

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

82.0270, 81.0890, 82.5626

Protanopia

78.1201, 81.4918, 85.0109

Deuteranopia

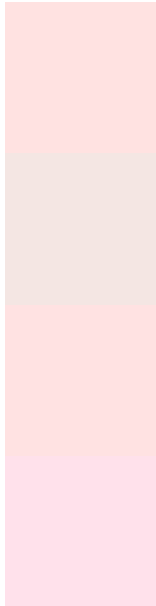
82.1638, 81.1437, 83.2833



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

82.0270, 81.0890, 82.5626

Protanomaly

79.4702, 81.3728, 84.1910

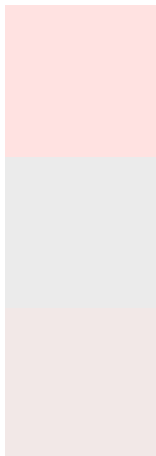
Deuteranomaly

82.1638, 81.1437, 83.2833

Tritanomaly

83.1606, 81.1086, 89.8697

Monochromacy



Original Color

82.0270, 81.0890, 82.5626

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.8984, 82.3600, 87.2873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0270, 81.0890, 82.5626 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, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 225)  
}
```

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, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 225) }
```

Border

The CSS property to change the border of an element to XYZ 82.0270, 81.0890, 82.5626 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, 226, 225) }
```


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

```
.border{ border-color:rgb(255, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0270, 81.0890, 82.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 225) }
```

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

```
.background{ background-color: rgb(255,  
226, 225) }
```

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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