

Converting Colors

XYZ(80.6638, 80.7044, 84.1723)

Have a look what the booklet for
XYZ(80.6638, 80.7044, 84.1723)
contains.

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Color

**XYZ(80.7586, 80.8082,
84.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3E3
RGB	250, 227, 227
RGB Percent	98%, 89%, 89%
CMY	0.0196, 0.1098, 0.1098
CMYK	0.00, 0.09, 0.09, 0.02
HSL	0°, 70%, 94%
HSV	0°, 9%, 98%
XYZ	80.7586, 80.8082, 84.0142
YIQ	233.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

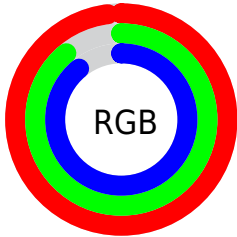
Format	Color
R _Y B	250, 227, 227
Decimal	16442339
CIE Lab	92.05, 7.86, 2.85
CIE LCh	92, 8.356, 19.918
Yxy	80.8082, 0.3288, 0.3290
Android (android.graphics.Color)	4294632419 (0xFFFAE3E3)
YUV	233.8770, -3.3904, 14.1399
Hunter-Lab	89.8934, 3.0478, 7.5130

Details

The XYZ color **80.7586, 80.8082, 84.0142** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1193, 91.6028, 103.7438**, and the grayscale version is **78.1332, 82.2022, 89.5182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1912, 43.8211, 45.1589** is the 20% darker color. If you saturate the color by 10%, you get **71.2086, 66.8345, 65.0253**, and if you desaturate by 10%, it is **91.8066, 96.9743, 105.9761**.

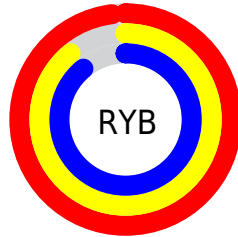
Distribution



Red (98%)

Green (89%)

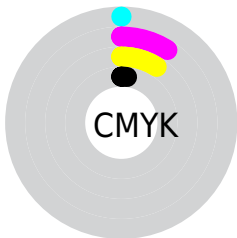
Blue (89%)



Red (98%)

Yellow (89%)

Blue (89%)

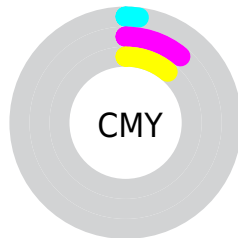


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7586, 80.8082, 84.0142 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 80.7586, 80.8082, 84.0142 by changing the saturation by 10% instead.


 80.7586, 80.8082,
84.0142

 80.7586, 80.8082,
84.0142


486.1834,
497.6524, 528.4197

 60.6534, 60.3836,
62.4817


133.3767,
134.5014, 140.8569

 44.1970, 43.7279,
44.9837


166.6203,
168.5389, 177.0043

 31.0240, 30.4567,
31.1018


204.9741,
207.8828, 218.8603

 20.7690, 20.1855,
20.4172

248.8035,
252.9175, 266.8435

 13.0668, 12.5299,
12.5116

298.4737,
304.0274, 321.3726

 7.5519, 7.1057,
6.9664

354.3502,

 3.8589, 3.5283,

361.5969, 382.8659

3.3629

416.7983,
426.0104, 451.7421

■ 1.6226, 1.4134,
1.2828

■ 0.4071, 0.2265,
0.0476

■ 80.7586, 80.8082,
84.0142

■ 80.7586, 80.8082,
84.0142

■ 71.2086, 66.8345,
65.0253

■ 91.8066, 96.9743,
105.9761

■ 63.0858, 54.9487,
48.8769

■ 93.2348, 99.0642,
108.8151

■ 56.3238, 45.0540,
35.4340

■ 50.8481, 37.0414,
24.5488

■ 46.5773, 30.7918,
16.0592

■ 43.4205, 26.1724,
9.7846

■ 41.2743, 23.0315,
5.5190

■ 40.0155, 21.1891,
3.0178

■ 39.4580, 20.3730,
1.9102

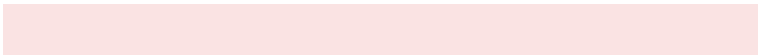
Harmonies

Analogous

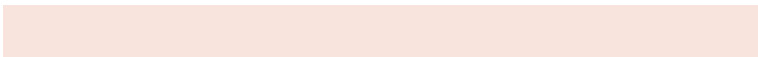
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9484, 80.8082, 90.0755



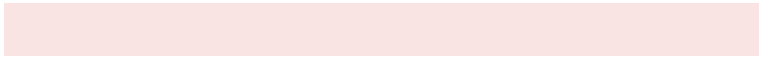
80.7586, 80.8082, 84.0142



79.4986, 80.8082, 79.2347

Triad

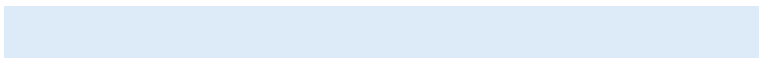
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7586, 80.8082, 84.0142



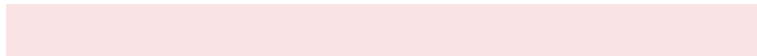
73.6858, 80.8082, 80.5808



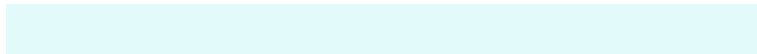
76.0843, 80.8082, 100.1659

Complementary

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



80.7586, 80.8082, 84.0142



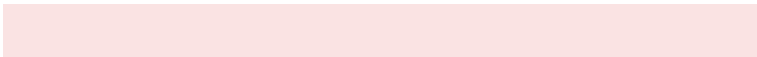
83.1193, 91.6028, 103.7438

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.



74.1744, 80.8082, 97.3599



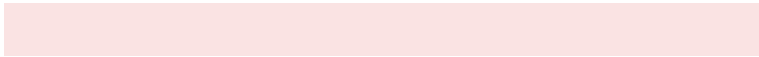
80.7586, 80.8082, 84.0142



72.8069, 80.8082, 85.9299

Square

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



80.7586, 80.8082, 84.0142



75.4060, 80.8082, 77.3175



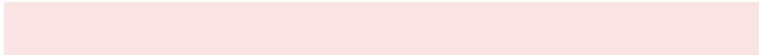
72.9841, 80.8082, 92.0819



78.2228, 80.8082, 99.5942

Rectangle

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



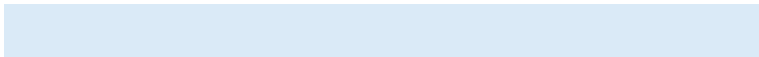
80.7586, 80.8082, 84.0142



78.2341, 80.8082, 77.3282



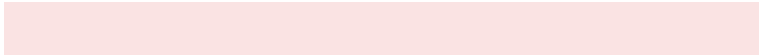
72.9841, 80.8082, 92.0819



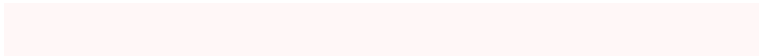
75.3949, 80.8082, 99.5816

Sweetspot

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



80.7609, 80.8118, 84.0159



91.4509, 94.7337, 101.7446



84.1499, 82.1655, 101.8679



19.3736, 19.9833, 21.3786



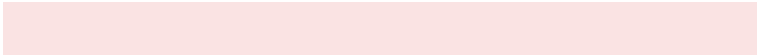
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.7609, 80.8118, 84.0159



82.5550, 81.7169, 84.0587



84.0109, 87.3119, 85.0993



17.2449, 17.2257, 17.8784



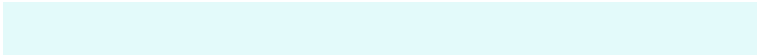
20.9123, 10.7812, 0.9788



1.9369, 0.9987, 0.0907

Inverse Universe

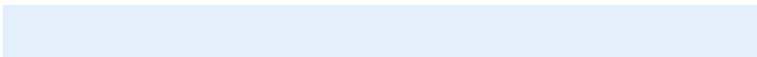
The Inverse Universe completely reimagines the original color for something new.



83.1193, 91.6028, 103.7438



85.4711, 95.0595, 108.4512



79.6554, 84.6749, 102.5892



17.7656, 19.6081, 22.2337



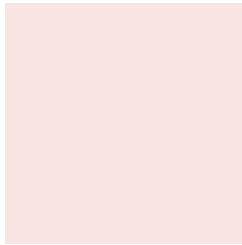
27.2785, 39.9126, 54.2397



2.5265, 3.6968, 5.0236

Previews

White Background



This preview shows how the XYZ color 80.7586, 80.8082, 84.0142 looks on a white background.

Color Contrast Check

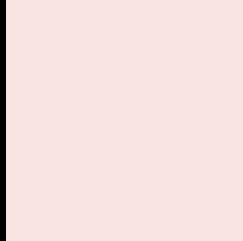
Large Text (above 18pt) WCAG AA × Fail

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 80.7586, 80.8082, 84.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

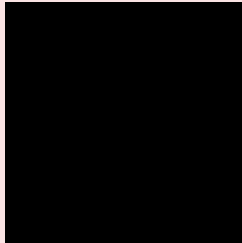
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

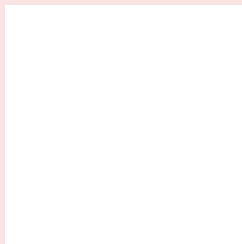
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7586, 80.8082, 84.0142

Background



This preview shows how black text looks on a background with the XYZ color 80.7586, 80.8082, 84.0142.

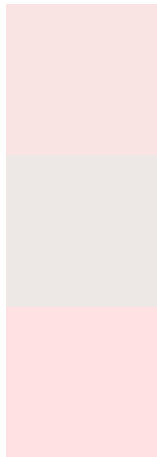


This preview shows how white text looks on a background with the XYZ color 80.7586, 80.8082,

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

80.7586, 80.8082, 84.0142

Protanopia

77.6438, 80.8135, 85.6350

Deuteranopia

82.1688, 80.7119, 84.6470



Tritanopia

83.0971, 80.9567, 95.2509

Trichromacy



Original Color

80.7586, 80.8082, 84.0142

Protanomaly

78.9184, 81.0723, 84.8879

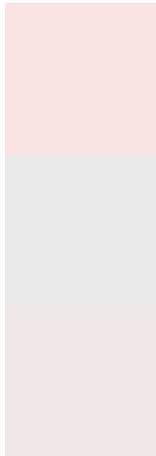
Deuteranomaly

81.7080, 80.8768, 84.7031

Tritanomaly

82.2661, 81.0164, 91.4226

Monochromacy



Original Color

80.7586, 80.8082, 84.0142

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9349, 81.4466, 87.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7586, 80.8082, 84.0142 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(250, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 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(250, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 80.7586, 80.8082, 84.0142 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(250, 227, 227) }
```


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

```
.border{ border-color:rgb(250, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7586, 80.8082, 84.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 227) }
```

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

```
.background{ background-color: rgb(250,  
227, 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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