

Converting Colors

XYZ(80.8728, 81.8430, 86.0471)

Have a look what the booklet for
XYZ(80.8728, 81.8430, 86.0471)
contains.

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Color

**XYZ(80.6600, 81.5260,
86.3478)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E5E6
RGB	247, 229, 230
RGB Percent	97%, 90%, 90%
CMY	0.0314, 0.1019, 0.0980
CMYK	0.00, 0.07, 0.07, 0.03
HSL	357°, 53%, 93%
HSV	357°, 7%, 97%
XYZ	80.6600, 81.5260, 86.3478
YIQ	234.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

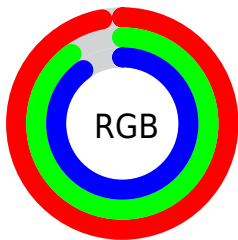
Format	Color
R _Y B	247, 229, 230
Decimal	16246246
CIE Lab	92.37, 6.29, 1.71
CIE LCh	92, 6.518, 15.243
Yxy	81.5260, 0.3245, 0.3280
Android (android.graphics.Color)	4294436326 (0xFF7E5E6)
YUV	234.4960, -2.2165, 10.9660
Hunter-Lab	90.2917, 1.4482, 6.5040

Details

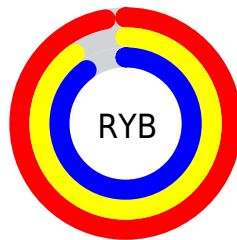
The XYZ color **80.6600, 81.5260, 86.3478** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2115, 89.8354, 100.2001**, and the grayscale version is **78.5954, 82.6884, 90.0477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3598, 44.4436, 46.7979** is the 20% darker color. If you saturate the color by 10%, you get **71.2458, 67.5944, 68.1110**, and if you desaturate by 10%, it is **91.4898, 97.5848, 107.2224**.

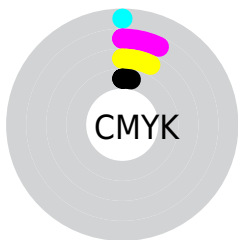
Distribution



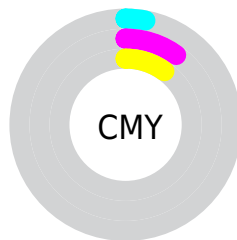
- Red (97%)
- Green (90%)
- Blue (90%)



- Red (97%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6600, 81.5260, 86.3478 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 80.6600, 81.5260, 86.3478 by changing the saturation by 10% instead.


 80.6600, 81.5260,
86.3478

 80.6600, 81.5260,
86.3478


485.8570,
500.0608, 536.3378

 60.5719, 60.9749,
64.3991


133.2389,
135.5091, 144.1456

 44.1310, 44.2049,
46.5257


166.4605,
169.7099, 180.8317

 30.9719, 30.8316,
32.3092


204.7906,
209.2293, 223.2674

 20.7292, 20.4707,
21.3310

248.5947,
254.4519, 271.8711

 13.0375, 12.7376,
13.1726

298.2380,
305.7619, 327.0615

 7.5316, 7.2481,
7.4154

354.0859,

 3.8460, 3.6178,

363.5438, 389.2570

3.6408

416.5038,
428.1820, 458.8763

■ 1.6154, 1.4621,
1.4305

■ 0.4024, 0.2618,
0.1653

■ 80.6600, 81.5260,
86.3478

■ 80.6600, 81.5260,
86.3478

■ 71.2458, 67.5944,
68.1110

■ 91.4898, 97.5848,
107.2224

■ 63.1821, 55.6908,
52.4019

■ 92.1682, 98.5144,
108.7651

■ 56.4091, 45.7238,
39.1107

■ 50.8597, 37.5910,
28.1173

■ 46.4609, 31.1806,
19.2913

■ 43.1316, 26.3685,
12.4894

■ 40.7806, 23.0142,
7.5508

■ 39.3010, 20.9525,
4.2906

■ 38.5572, 19.9704,
2.4843

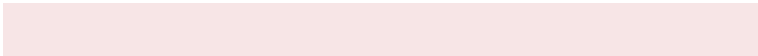
Harmonies

Analogous

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



80.6673, 81.5260, 91.1553



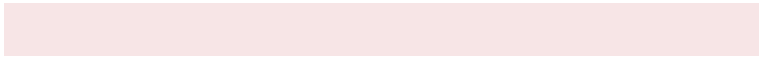
80.6600, 81.5260, 86.3478



79.7945, 81.5260, 82.3332

Triad

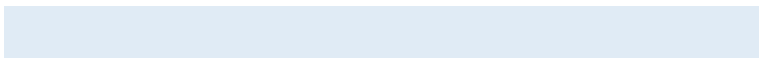
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6600, 81.5260, 86.3478



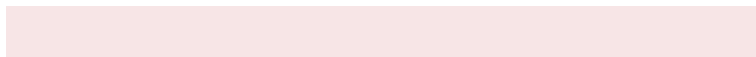
75.2073, 81.5260, 82.3863



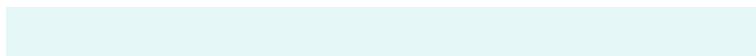
76.6647, 81.5260, 98.0579

Complementary

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



80.6600, 81.5260, 86.3478



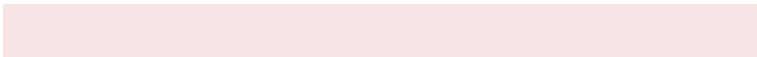
82.2115, 89.8354, 100.2001

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.



75.2264, 81.5260, 95.5295



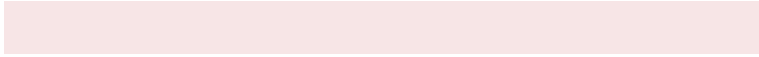
80.6600, 81.5260, 86.3478



74.3934, 81.5260, 86.4226

Square

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



80.6600, 81.5260, 86.3478



76.6383, 81.5260, 80.1031



74.4003, 81.5260, 91.2329



78.3440, 81.5260, 98.0361

Rectangle

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



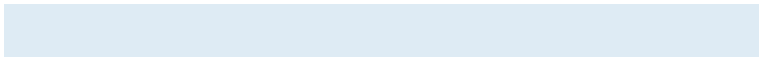
80.6600, 81.5260, 86.3478



78.8544, 81.5260, 80.5962



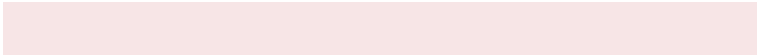
74.4003, 81.5260, 91.2329



76.1376, 81.5260, 97.4742

Sweetspot

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



80.6623, 81.5296, 86.3496



92.6784, 96.4826, 104.3307



82.7461, 82.3144, 99.5236



19.8618, 20.6881, 22.3789



0.0000, 0.0000, 0.0000



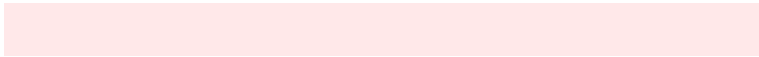
20.3446, 21.4041, 23.3091

Same Dimension

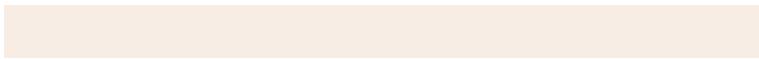
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6623, 81.5296, 86.3496



84.8644, 84.9029, 89.2456



82.7293, 85.8867, 86.3506



16.5363, 16.4974, 17.3047



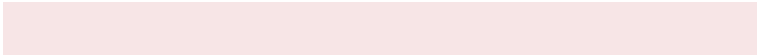
20.3426, 10.4805, 1.2465



1.8007, 0.9263, 0.1771

Inverse Universe

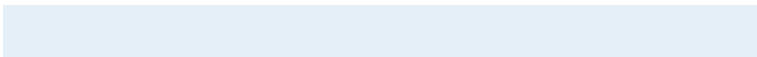
The Inverse Universe completely reimagines the original color for something new.



80.6623, 81.5296, 86.3496



84.8644, 84.9029, 89.2456



80.0297, 85.2265, 100.2289



16.5363, 16.4974, 17.3047



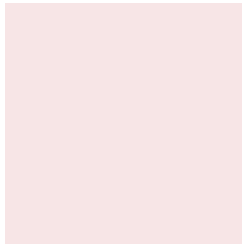
20.3426, 10.4805, 1.2465



1.8007, 0.9263, 0.1771

Previews

White Background



This preview shows how the XYZ color 80.6600, 81.5260, 86.3478 looks on a white background.

Color Contrast Check

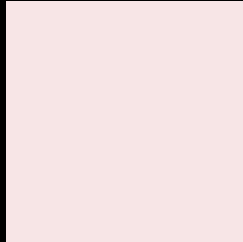
Large Text (above 18pt) WCAG AA × Fail

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 80.6600, 81.5260, 86.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

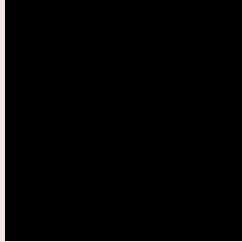
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

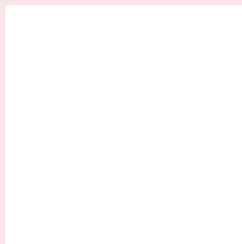
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6600, 81.5260, 86.3478

Background



This preview shows how black text looks on a background with the XYZ color 80.6600, 81.5260, 86.3478.



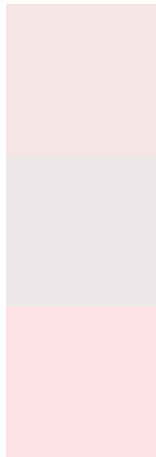
This preview shows how white text looks on a background with the XYZ color 80.6600, 81.5260,

86.3478.

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

80.6600, 81.5260, 86.3478

Protanopia

78.3472, 81.5439, 87.9541

Deuteranopia

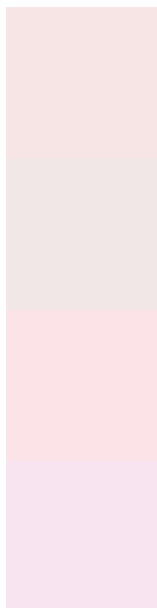
82.8602, 81.4222, 86.9502



Tritanopia

83.0174, 81.6705, 97.7747

Trichromacy



Original Color

80.6600, 81.5260, 86.3478

Protanomaly

79.2753, 81.6221, 87.1777

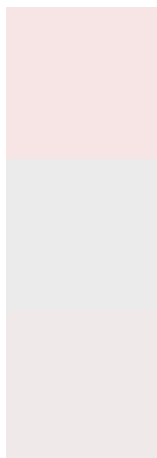
Deuteranomaly

82.0378, 81.4031, 86.9898

Tritanomaly

82.1830, 81.7345, 93.8829

Monochromacy



Original Color

80.6600, 81.5260, 86.3478

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4435, 82.5117, 88.8300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6600, 81.5260, 86.3478 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(247, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 230)  
}
```

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(247, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.6600, 81.5260, 86.3478 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(247, 229, 230) }
```


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

```
.border{ border-color:rgb(247, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6600, 81.5260, 86.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 230) }
```

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

```
.background{ background-color: rgb(247,  
229, 230) }
```

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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