

Converting Colors

XYZ(80.8507, 86.8464, 79.1168)

Have a look what the booklet for
XYZ(80.8507, 86.8464, 79.1168)
contains.

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Color

**XYZ(80.7281, 86.8498,
78.8385)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2F1DA |
| RGB | 242, 241, 218 |
| RGB Percent | 95%, 95%, 85% |
| CMY | 0.0510, 0.0549, 0.1451 |
| CMYK | 0.00, 0.00, 0.10, 0.05 |
| HSL | 58°, 48%, 90% |
| HSV | 58°, 10%, 95% |
| XYZ | 80.7281, 86.8498, 78.8385 |
| YIQ | 238.6770, 7.9790, -6.9410 |

Conversions

Conversions Part 2

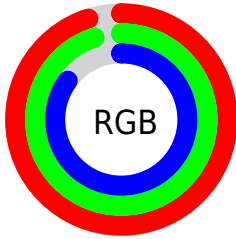
| Format | Color |
|-------------------------------------|---|
| RYB | 219, 242, 218 |
| Decimal | 15921626 |
| CIELab | 94.67, -3.53, 11.23 |
| CIELCh | 95, 11.768, 107.467 |
| Yxy | 86.8498, 0.3276, 0.3525 |
| Android (android.graphics.Color) | 4294111706 (0xFFFF2F1DA) |
| YUV | 238.6770, -10.1938, 2.9143 |
| Hunter-Lab | 93.1932, -8.4636, 15.0778 |

Details

The XYZ color **80.7281, 86.8498, 78.8385** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.2718, 71.9779, 94.1945**, and the grayscale version is **81.8673, 86.1308, 93.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2095, 47.7814, 41.5430** is the 20% darker color. If you saturate the color by 10%, you get **77.4945, 85.0853, 63.2610**, and if you desaturate by 10%, it is **84.4305, 88.8101, 96.8556**.

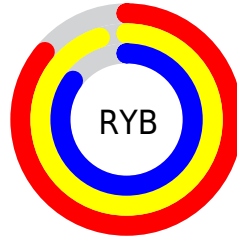
Distribution



Red (95%)

Green (95%)

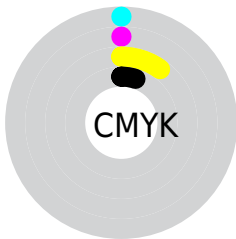
Blue (85%)



Red (86%)

Yellow (95%)

Blue (85%)

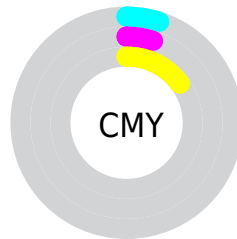


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7281, 86.8498, 78.8385 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 80.7281, 86.8498, 78.8385 by changing the saturation by 10% instead.

80.7281, 86.8498,
78.8385

80.7281, 86.8498,
78.8385

486.0824,
517.7292, 510.6130

60.6282, 65.3709,
58.2425

133.3341,
142.9548, 133.5281

44.1766, 47.7619,
41.5876

166.5709,
178.3496, 168.4587

31.0079, 33.6384,
28.4554

204.9174,
219.1520, 209.0047

20.7567, 22.6159,
18.4272

248.7389,
265.7461, 255.5845

13.0577, 14.3102,
11.0845

298.4008,
318.5166, 308.6167

7.5456, 8.3367,
6.0088

354.2685,

3.8549, 4.3111,

377.8476, 368.5198

2.7816

416.7072,
444.1237, 435.7124

■ 1.6204, 1.8491,
0.9842

■ 0.4056, 0.5175,
0.0000

■ 80.7281, 86.8498,
78.8385

■ 80.7281, 86.8498,
78.8385

■ 77.4945, 85.0853,
63.2610

■ 84.4305, 88.8101,
96.8556

■ 74.7027, 83.4973,
50.0123

■ 86.7226, 90.2061,
107.4485

■ 72.3335, 82.0810,
38.9815

■ 87.0237, 90.8083,
107.5489

■ 70.3640, 80.8271,
30.0466

■ 87.3265, 91.4138,
107.6498

68.7685, 79.7254,
23.0736

87.6308, 92.0226,
107.7512

67.5187, 78.7646,
17.9133

87.9369, 92.6346,
107.8532

66.5823, 77.9318,
14.3949

88.2446, 93.2500,
107.9558

65.9205, 77.2114,
12.3151

88.5539, 93.8687,
108.0589

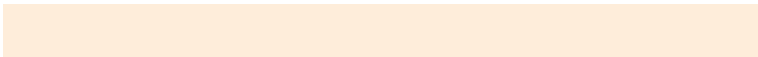
65.4694, 76.5778,
11.3362

88.8649, 94.4907,
108.1626

Harmonies

Analogous

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



83.8809, 86.8498, 78.4938



80.7281, 86.8498, 78.8385



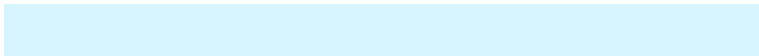
78.1279, 86.8498, 83.2237

Triad

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



80.7281, 86.8498, 78.8385



78.4869, 86.8498, 108.0514



88.6562, 86.8498, 98.4123

Complementary

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



80.7281, 86.8498, 78.8385



70.2718, 71.9779, 94.1945

Split Complementary

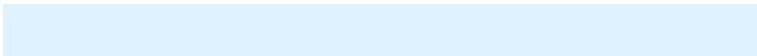
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1320, 86.8498, 106.8918



80.7281, 86.8498, 78.8385



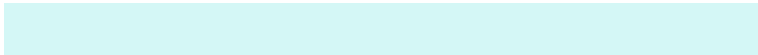
81.2295, 86.8498, 112.6918

Square

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



80.7281, 86.8498, 78.8385



76.8570, 86.8498, 99.9137



84.3953, 86.8498, 112.2543



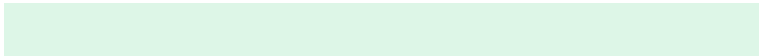
88.5135, 86.8498, 89.4101

Rectangle

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



80.7281, 86.8498, 78.8385



77.0332, 86.8498, 88.0173



84.3953, 86.8498, 112.2543



88.3202, 86.8498, 101.4290

Sweetspot

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



80.7305, 86.8536, 78.8404



93.7415, 99.3148, 102.5081



74.5029, 74.1463, 77.5421



19.9914, 21.2190, 21.5846



0.0000, 0.0000, 0.0000



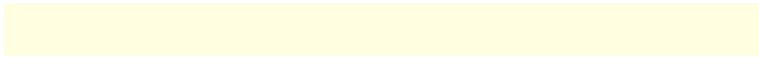
20.3446, 21.4041, 23.3091

Same Dimension

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



80.7305, 86.8536, 78.8404



90.1055, 97.3768, 84.8523



77.4276, 85.5893, 78.7704



17.0635, 18.3401, 16.7904



35.1945, 41.1871, 6.0950



2.9452, 3.4610, 0.5128

Inverse Universe

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



70.2718, 71.9779, 94.1945



76.0209, 77.3439, 105.5299



73.3488, 73.1800, 94.2644



14.9498, 15.3337, 19.8934



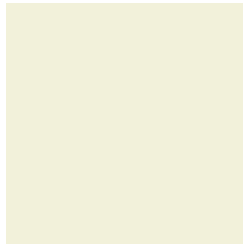
8.6925, 3.6092, 45.3664



0.7415, 0.3370, 3.7802

Previews

White Background



This preview shows how the XYZ color 80.7281, 86.8498, 78.8385 looks on a white background.

Color Contrast Check

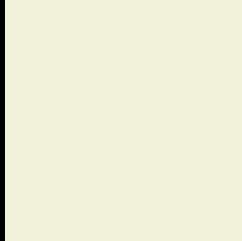
Large Text (above 18pt) WCAG AA × Fail

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 80.7281, 86.8498, 78.8385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

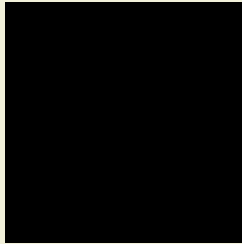
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

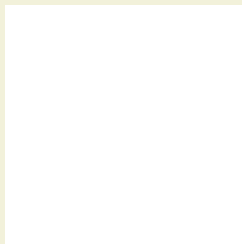
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7281, 86.8498, 78.8385

Background



This preview shows how black text looks on a background with the XYZ color 80.7281, 86.8498, 78.8385.

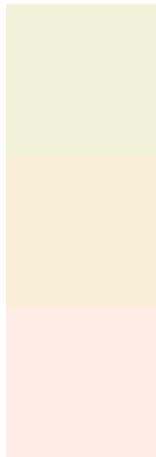


This preview shows how white text looks on a background with the XYZ color 80.7281, 86.8498,

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

80.7281, 86.8498, 78.8385

Protanopia

82.4578, 86.8825, 78.0696

Deuteranopia

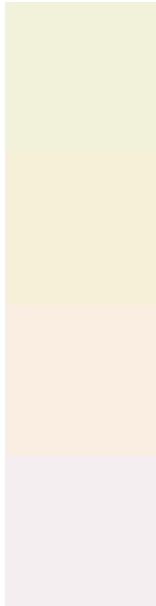
85.5184, 86.9641, 87.1414



Tritanopia

86.2426, 86.9208, 105.9979

Trichromacy



Original Color

80.7281, 86.8498, 78.8385

Protanomaly

81.6905, 86.9228, 78.1179

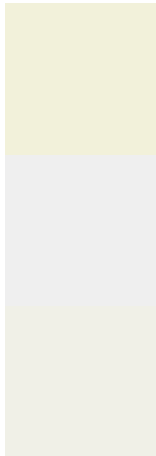
Deuteranomaly

83.7263, 86.9641, 84.3244

Tritanomaly

84.1079, 86.9124, 95.5619

Monochromacy



Original Color

80.7281, 86.8498, 78.8385

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5191, 86.6150, 88.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7281, 86.8498, 78.8385 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(242, 241, 218) looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 218)  
}
```

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(242, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 218) }
```

Border

The CSS property to change the border of an element to XYZ 80.7281, 86.8498, 78.8385 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(242, 241, 218) }
```


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

```
.border{ border-color:rgb(242, 241, 218) }
```

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

Here you see how a box with a 4 pixel rgb(242, 241, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7281, 86.8498, 78.8385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 218) }
```

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

```
.background{ background-color: rgb(242,  
241, 218) }
```

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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