

Converting Colors

XYZ(80.3760, 81.9796, 77.9170)

Have a look what the booklet for XYZ(80.3760, 81.9796, 77.9170) contains.

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Color

**XYZ(80.3760, 81.9796,
77.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6DA
RGB	250, 230, 218
RGB Percent	98%, 90%, 85%
CMY	0.0196, 0.0980, 0.1451
CMYK	0.00, 0.08, 0.13, 0.02
HSL	23°, 76%, 92%
HSV	23°, 13%, 98%
XYZ	80.3760, 81.9796, 77.9170
YIQ	234.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

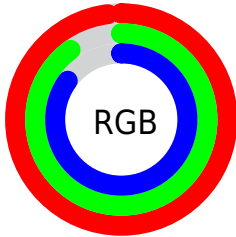
Format	Color
R _Y B	250, 237, 218
Decimal	16443098
CIE Lab	92.57, 4.87, 8.29
CIE LCh	93, 9.615, 59.586
Yxy	81.9796, 0.3345, 0.3412
Android (android.graphics.Color)	4294633178 (0xFFFAE6DA)
YUV	234.6120, -8.1897, 13.4953
Hunter-Lab	90.5426, 0.0076, 12.3574

Details

The XYZ color **80.3760, 81.9796, 77.9170** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.7428, 82.9547, 102.4102**, and the grayscale version is **78.7244, 82.8242, 90.1956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9332, 44.6417, 40.9515** is the 20% darker color. If you saturate the color by 10%, you get **73.1945, 72.4627, 60.5819**, and if you desaturate by 10%, it is **88.4451, 92.4804, 97.9843**.

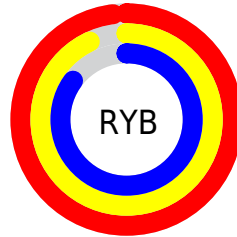
Distribution



Red (98%)

Green (90%)

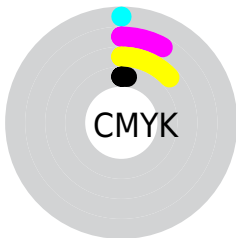
Blue (85%)



Red (98%)

Yellow (93%)

Blue (85%)

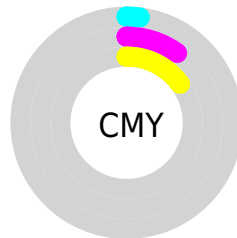


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (2%)



Cyan (2%)


Magenta (10%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3760, 81.9796, 77.9170 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 80.3760, 81.9796, 77.9170 by changing the saturation by 10% instead.


 80.3760, 81.9796,
77.9170

 80.3760, 81.9796,
77.9170


484.9163,
501.5795, 507.4054

 60.3373, 61.3487,
57.4898


132.8420,
136.1454, 132.2179

 43.9411, 44.5067,
40.9866


166.0000,
170.4491, 166.9287

 30.8219, 31.0690,
27.9890


204.2619,
210.0792, 207.2377

 20.6144, 20.6514,
18.0784

247.9930,
255.4201, 253.5635

 12.9533, 12.8694,
10.8363

297.5586,
306.8562, 306.3246

 7.4732, 7.3387,
5.8441

353.3241,

 3.8087, 3.6748,

364.7718, 365.9396

2.6832

415.6549,
429.5515, 432.8270

■ 1.5945, 1.4934,
0.9350

■ 0.3888, 0.2841,
0.0000

■ 80.3760, 81.9796,
77.9170

■ 80.3760, 81.9796,
77.9170

■ 73.1945, 72.4627,
60.5819

■ 88.4451, 92.4804,
97.9843

■ 66.8617, 63.8895,
45.8544

■ 93.2346, 99.0641,
108.8150

■ 61.3455, 56.2331,
33.6080

■ 56.6091, 49.4609,
23.7032

■ 52.6124, 43.5384,
15.9870

■ 49.3115, 38.4284,
10.2875

■ 46.6565, 34.0902,
6.4066

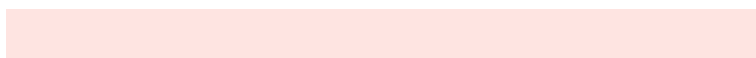
■ 44.5891, 30.4783,
4.1051

■ 43.4085, 28.2919,
3.1730

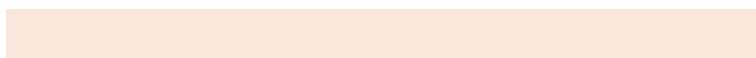
Harmonies

Analogous

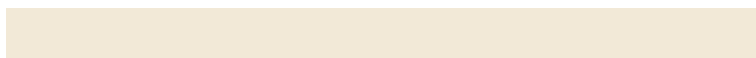
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1710, 81.9796, 82.6411



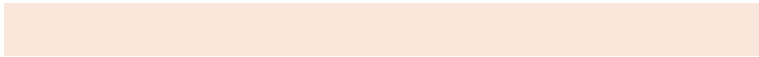
80.3760, 81.9796, 77.9170



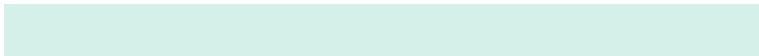
77.9538, 81.9796, 76.2012

Triad

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



80.3760, 81.9796, 77.9170



73.2143, 81.9796, 89.1626



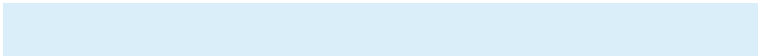
80.3147, 81.9796, 101.7660

Complementary

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



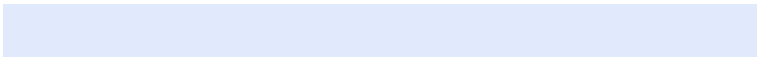
80.3760, 81.9796, 77.9170



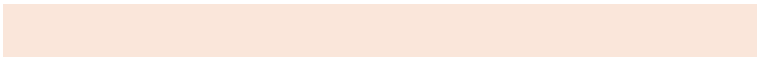
76.7428, 82.9547, 102.4102

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.



77.8845, 81.9796, 103.7356



80.3760, 81.9796, 77.9170



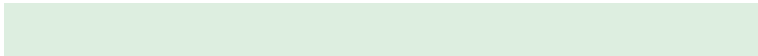
73.8166, 81.9796, 96.2271

Square

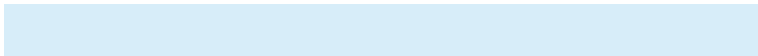
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3760, 81.9796, 77.9170



73.8500, 81.9796, 82.4778



75.5129, 81.9796, 101.6577



82.1351, 81.9796, 96.4080

Rectangle

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



80.3760, 81.9796, 77.9170



76.3201, 81.9796, 76.9194



75.5129, 81.9796, 101.6577



79.5404, 81.9796, 102.8587

Sweetspot

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



80.3782, 81.9832, 77.9187



91.4513, 95.3611, 99.8127



79.9684, 76.6566, 91.6767



19.4331, 20.2285, 21.0096



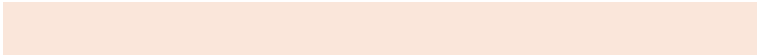
0.0000, 0.0000, 0.0000



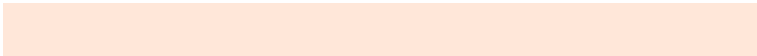
20.3446, 21.4041, 23.3091

Same Dimension

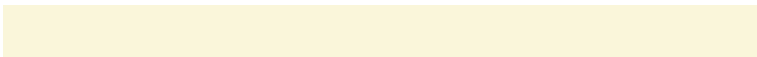
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3782, 81.9832, 77.9187



82.3357, 83.4643, 77.2459



84.9547, 91.1361, 79.4442



17.7781, 18.2920, 18.0561



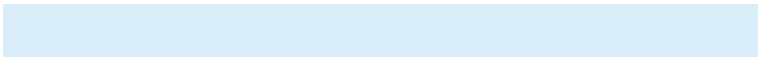
23.1519, 15.2604, 1.7253



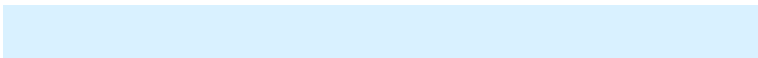
2.2424, 1.6096, 0.1925

Inverse Universe

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



76.7428, 82.9547, 102.4102



77.9429, 84.6373, 106.8363



72.3619, 74.1930, 100.9499



17.1867, 18.4502, 22.0407



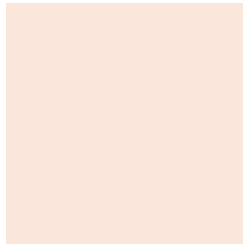
15.6205, 16.5965, 50.3537



1.5485, 1.7408, 4.6976

Previews

White Background



This preview shows how the XYZ color 80.3760, 81.9796, 77.9170 looks on a white background.

Color Contrast Check

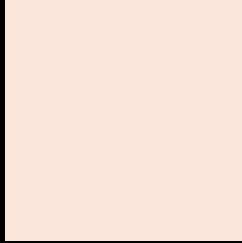
Large Text (above 18pt) WCAG AA × Fail

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 80.3760, 81.9796, 77.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

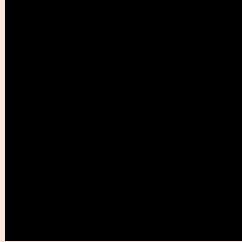
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3760, 81.9796, 77.9170

Background



This preview shows how black text looks on a background with the XYZ color 80.3760, 81.9796, 77.9170.



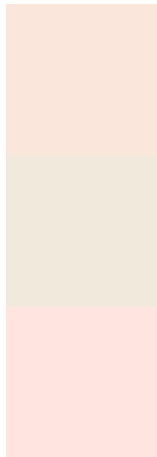
This preview shows how white text looks on a background with the XYZ color 80.3760, 81.9796,

77.9170.

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

80.3760, 81.9796, 77.9170

Protanopia

78.3328, 82.1459, 79.4373

Deuteranopia

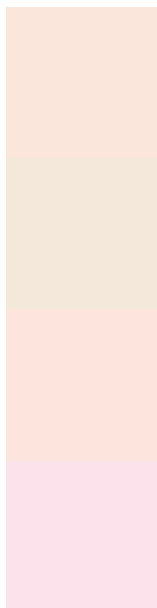
82.3027, 82.0745, 81.3162



Tritanopia

84.0335, 81.8070, 96.9492

Trichromacy



Original Color

80.3760, 81.9796, 77.9170

Protanomaly

78.9510, 82.0608, 78.6960

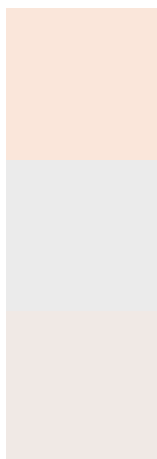
Deuteranomaly

81.5785, 82.1417, 79.9619

Tritanomaly

82.6094, 81.6318, 89.9998

Monochromacy



Original Color

80.3760, 81.9796, 77.9170

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.2170, 82.4602, 85.8700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3760, 81.9796, 77.9170 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, 230, 218) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 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(250, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 218) }
```

Border

The CSS property to change the border of an element to XYZ 80.3760, 81.9796, 77.9170 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, 230, 218) }
```


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

```
.border{ border-color:rgb(250, 230, 218) }
```

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

Here you see how a box with a 4 pixel rgb(250, 230, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 218);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3760, 81.9796, 77.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 218) }
```

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

```
.background{ background-color: rgb(250,  
230, 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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