

Converting Colors

XYZ(77.5425, 77.8775, 80.4627)

Have a look what the booklet for
XYZ(77.5425, 77.8775, 80.4627)
contains.

XYZ(77.6311, 78.0515, 80.7859)	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(77.6311, 78.0515,
80.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0DF
RGB	245, 224, 223
RGB Percent	96%, 88%, 87%
CMY	0.0392, 0.1215, 0.1255
CMYK	0.00, 0.09, 0.09, 0.04
HSL	3°, 52%, 92%
HSV	3°, 9%, 96%
XYZ	77.6311, 78.0515, 80.7859
YIQ	230.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

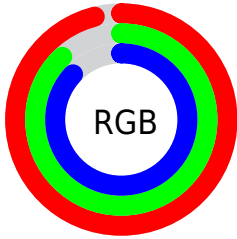
Format	Color
R _Y B	245, 224, 223
Decimal	16113887
CIE Lab	90.80, 7.02, 3.08
CIE LCh	91, 7.667, 23.719
Yxy	78.0515, 0.3283, 0.3301
Android (android.graphics.Color)	4294303967 (0xFFFF5E0DF)
YUV	230.1650, -3.5323, 13.0103
Hunter-Lab	88.3468, 2.2427, 7.6269

Details

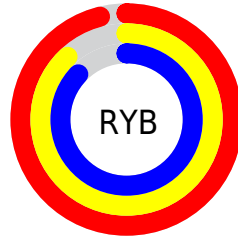
The XYZ color **77.6311, 78.0515, 80.7859** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.2632, 86.9803, 98.9983**, and the grayscale version is **75.3564, 79.2808, 86.3368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2421, 42.0219, 42.9304** is the 20% darker color. If you saturate the color by 10%, you get **68.7067, 65.1114, 62.6764**, and if you desaturate by 10%, it is **87.9020, 92.9179, 101.7042**.

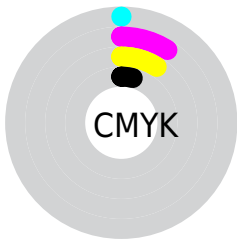
Distribution



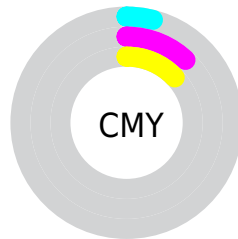
- Red (96%)
- Green (88%)
- Blue (87%)



- Red (96%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6311, 78.0515, 80.7859 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 77.6311, 78.0515, 80.7859 by changing the saturation by 10% instead.


 77.6311, 78.0515,
80.7859

 77.6311, 78.0515,
80.7859


475.7721,
488.3417, 517.3539

 58.0727, 58.1163,
59.8353


128.9981,
130.6227, 136.2915

 42.1106, 41.9021,
42.8615


161.5374,
164.0275, 171.6835

 29.3794, 29.0247,
29.4458


199.1344,
202.6910, 212.7265

 19.5137, 19.0995,
19.1699

242.1544,
246.9974, 259.8389

 12.1483, 11.7422,
11.6150

290.9629,
297.3314, 313.4393

 6.9177, 6.5684,
6.3628

345.9250,

 3.4565, 3.1937,

354.0771, 373.9463

2.9946

407.4063,
417.6191, 441.7783

■ 1.3995, 1.2337,
1.0919

■ 0.2559, 0.0889,
0.0000

■ 77.6311, 78.0515,
80.7859

■ 77.6311, 78.0515,
80.7859

■ 68.7067, 65.1114,
62.6764

■ 87.9020, 92.9179,
101.7042

■ 61.0668, 54.0089,
47.2513

■ 91.4665, 98.1527,
108.7323

■ 54.6541, 44.6639,
34.3845

■ 49.4048, 36.9864,
23.9376

■ 45.2490, 30.8782,
15.7594

■ 42.1094, 26.2311,
9.6814

■ 39.8986, 22.9230,
5.5119

■ 38.5145, 20.8120,
3.0241

■ 37.8216, 19.7208,
1.8849

Harmonies

Analogous

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



77.9313, 78.0515, 86.1515



77.6311, 78.0515, 80.7859



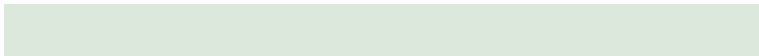
76.4007, 78.0515, 76.7115

Triad

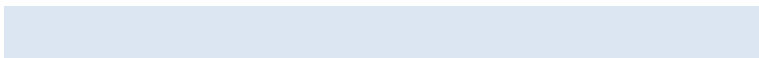
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6311, 78.0515, 80.7859



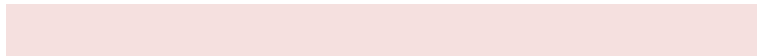
71.2376, 78.0515, 78.8567



73.7808, 78.0515, 95.9792

Complementary

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



77.6311, 78.0515, 80.7859



79.2632, 86.9803, 98.9983

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.



72.0138, 78.0515, 93.8325



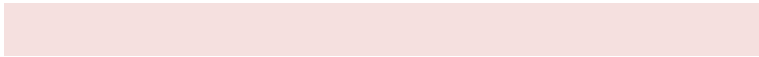
77.6311, 78.0515, 80.7859



70.5619, 78.0515, 83.8287

Square

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



77.6311, 78.0515, 80.7859



72.7046, 78.0515, 75.6319



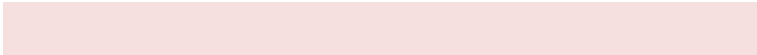
70.8436, 78.0515, 89.3268



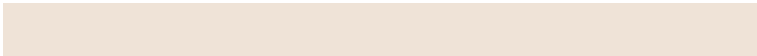
75.6866, 78.0515, 95.0787

Rectangle

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



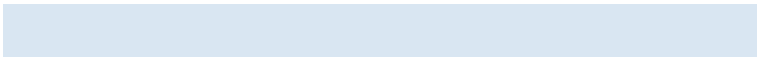
77.6311, 78.0515, 80.7859



75.2296, 78.0515, 75.1970



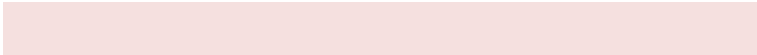
70.8436, 78.0515, 89.3268



73.1513, 78.0515, 95.5872

Sweetspot

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



77.6333, 78.0549, 80.7876



91.5576, 94.9470, 101.7801



80.4145, 78.7368, 96.7606



19.4022, 20.0406, 21.3882



0.0000, 0.0000, 0.0000



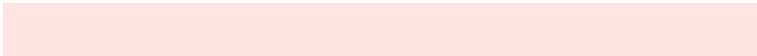
20.3446, 21.4041, 23.3091

Same Dimension

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



77.6333, 78.0549, 80.7876



82.9051, 82.4170, 84.1754



80.6085, 84.0053, 81.7793



16.5598, 16.6037, 17.1296



20.3784, 10.6424, 0.9801



1.8120, 0.9773, 0.0931

Inverse Universe

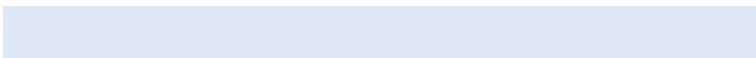
The Inverse Universe completely reimagines the original color for something new.



79.2632, 86.9803, 98.9983



85.0656, 94.2485, 108.3161



76.1283, 80.7106, 97.9533



16.9281, 18.6205, 21.2445



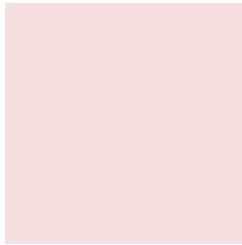
24.7302, 35.2541, 52.0393



2.1932, 3.1378, 4.5803

Previews

White Background



This preview shows how the XYZ color 77.6311, 78.0515, 80.7859 looks on a white background.

Color Contrast Check

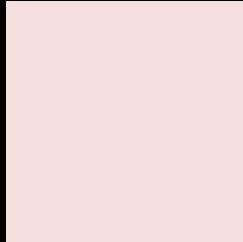
Large Text (above 18pt) WCAG AA × Fail

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 77.6311, 78.0515, 80.7859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

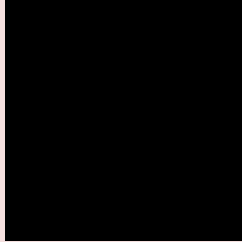
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

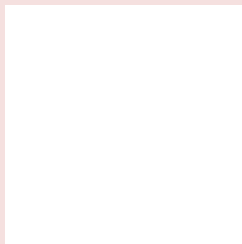
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6311, 78.0515, 80.7859

Background



This preview shows how black text looks on a background with the XYZ color 77.6311, 78.0515, 80.7859.



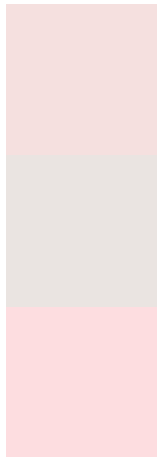
This preview shows how white text looks on a background with the XYZ color 77.6311, 78.0515,

80.7859.

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

77.6311, 78.0515, 80.7859

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

79.8190, 77.9774, 81.3652



Tritanopia

80.0590, 78.2487, 92.5453

Trichromacy



Original Color

77.6311, 78.0515, 80.7859

Protanomaly

76.1835, 78.4971, 81.6572

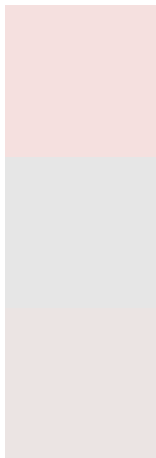
Deuteranomaly

79.0002, 77.9484, 81.4028

Tritanomaly

79.1017, 78.2514, 88.0257

Monochromacy



Original Color

77.6311, 78.0515, 80.7859

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.8695, 78.6950, 83.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6311, 78.0515, 80.7859 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(245, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 223)  
}
```

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(245, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.6311, 78.0515, 80.7859 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(245, 224, 223) }
```


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

```
.border{ border-color:rgb(245, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 224, 223); box-shadow:4px 4px 4px 4px rgb(245, 224, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6311, 78.0515, 80.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 223) }
```

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

```
.background{ background-color: rgb(245,  
224, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor