

Converting Colors

XYZ(79.2661, 80.8873, 82.6692)

Have a look what the booklet for
XYZ(79.2661, 80.8873, 82.6692)
contains.

XYZ(79.2661, 80.8873, 82.6692)	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(79.2661, 80.8873,
82.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5E1
RGB	245, 229, 225
RGB Percent	96%, 90%, 88%
CMY	0.0392, 0.1019, 0.1176
CMYK	0.00, 0.07, 0.08, 0.04
HSL	12°, 50%, 92%
HSV	12°, 8%, 96%
XYZ	79.2661, 80.8873, 82.6692
YIQ	233.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

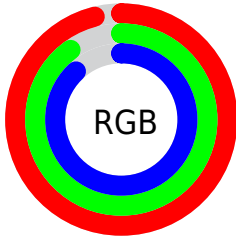
Format	Color
R _{YB}	245, 230, 225
Decimal	16115169
CIE Lab	92.08, 4.77, 3.89
CIE LCh	92, 6.155, 39.217
Yxy	80.8873, 0.3264, 0.3331
Android (android.graphics.Color)	4294305249 (0xFF5E5E1)
YUV	233.3280, -4.1057, 10.2363
Hunter-Lab	89.9374, -0.0698, 8.4576

Details

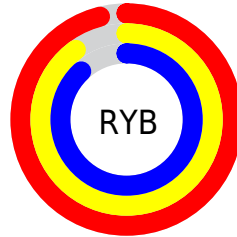
The XYZ color **79.2661, 80.8873, 82.6692** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9879, 85.5093, 98.7290**, and the grayscale version is **77.7253, 81.7731, 89.0509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3780, 43.9932, 44.2355** is the 20% darker color. If you saturate the color by 10%, you get **71.0421, 69.4091, 64.6044**, and if you desaturate by 10%, it is **88.5863, 93.7884, 103.4674**.

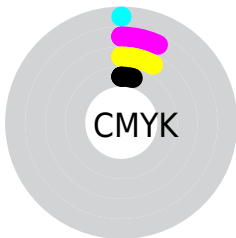
Distribution



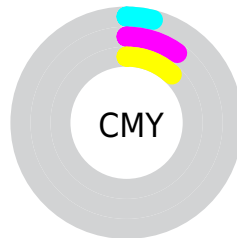
- Red (96%)
- Green (90%)
- Blue (88%)



- Red (96%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2661, 80.8873, 82.6692 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 79.2661, 80.8873, 82.6692 by changing the saturation by 10% instead.


 79.2661, 80.8873,
82.6692

 79.2661, 80.8873,
82.6692


481.2304,
497.9181, 523.8255

 59.4210, 60.4488,
61.3783


131.2894,
134.6125, 138.9571

 43.1998, 43.7805,
44.0980


164.1982,
168.6680, 174.7912

 30.2371, 30.4980,
30.4098


202.1924,
208.0313, 216.3101

 20.1676, 20.2169,
19.8951

245.6373,
253.0867, 263.9323

 12.6259, 12.5528,
12.1355

294.8981,
304.2187, 318.0765

 7.2467, 7.1213,
6.7124

350.3404,

 3.6645, 3.5381,

361.8117, 379.1610

3.2072

412.3293,
426.2500, 447.6045

■ 1.5142, 1.4187,
1.2014

■ 0.3354, 0.2304,
0.0000

■ 79.2661, 80.8873,
82.6692

■ 79.2661, 80.8873,
82.6692

■ 71.0421, 69.4091,
64.6044

■ 88.5863, 93.7884,
103.4674

■ 63.8668, 59.2946,
49.1539

■ 91.4666, 98.1527,
108.7323

■ 57.6995, 50.4958,
36.1976

■ 52.4940, 42.9581,
25.6041

■ 48.2003, 36.6229,
17.2295

■ 44.7639, 31.4271,
10.9146

■ 42.1242, 27.3012,
6.4783

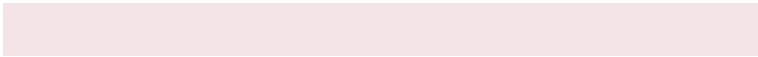
■ 40.2117, 24.1681,
3.7079

■ 38.9385, 21.9371,
2.3112

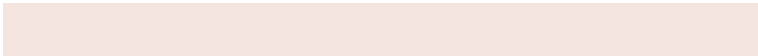
Harmonies

Analogous

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



79.9283, 80.8873, 86.6821



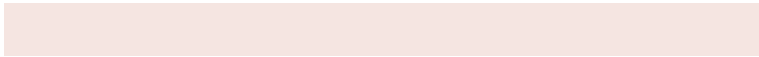
79.2661, 80.8873, 82.6692



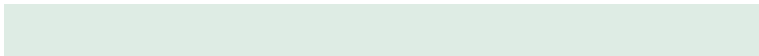
77.9673, 80.8873, 80.1627

Triad

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



79.2661, 80.8873, 82.6692



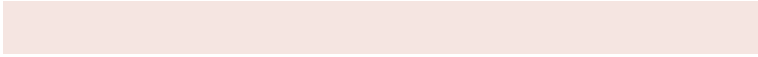
74.0670, 80.8873, 85.0120



77.3701, 80.8873, 96.9709

Complementary

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



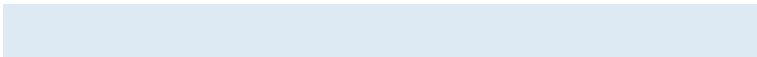
79.2661, 80.8873, 82.6692



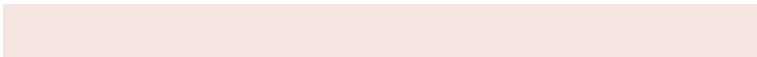
78.9879, 85.5093, 98.7290

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.



75.8047, 80.8873, 96.4863



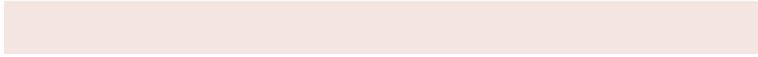
79.2661, 80.8873, 82.6692



73.9121, 80.8873, 89.4777

Square

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



79.2661, 80.8873, 82.6692



74.9704, 80.8873, 81.4826



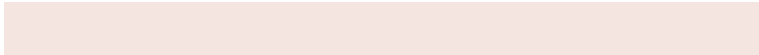
74.5441, 80.8873, 93.7063



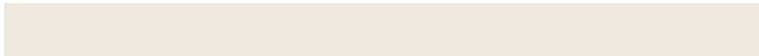
78.8237, 80.8873, 95.0085

Rectangle

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



79.2661, 80.8873, 82.6692



76.9226, 80.8873, 79.6312



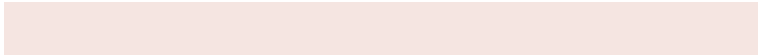
74.5441, 80.8873, 93.7063



76.8393, 80.8873, 97.0902

Sweetspot

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



79.2684, 80.8908, 82.6709



92.9522, 97.1009, 104.2035



80.4597, 79.6150, 94.3467



19.9176, 20.8140, 22.3530



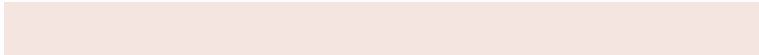
0.0000, 0.0000, 0.0000



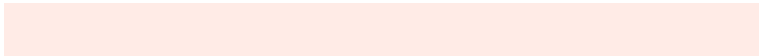
20.3446, 21.4041, 23.3091

Same Dimension

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



79.2684, 80.8908, 82.6709



85.0483, 86.1361, 86.6387



82.1143, 86.5828, 83.6196



16.7678, 17.0197, 17.1989



20.9561, 11.7979, 1.1727



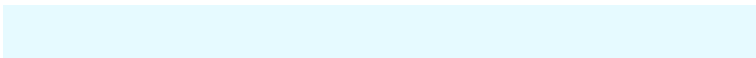
1.9113, 1.1759, 0.1262

Inverse Universe

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



78.9879, 85.5093, 98.7290



84.6758, 92.2661, 107.9540



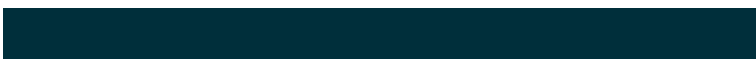
76.1098, 79.7531, 97.7697



16.6984, 18.1611, 21.1679



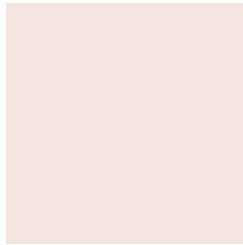
19.6075, 25.0087, 50.3318



1.7932, 2.3378, 4.4470

Previews

White Background



This preview shows how the XYZ color 79.2661, 80.8873, 82.6692 looks on a white background.

Color Contrast Check

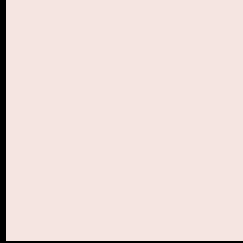
Large Text (above 18pt) WCAG AA × Fail

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 79.2661, 80.8873, 82.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

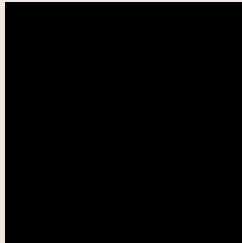
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

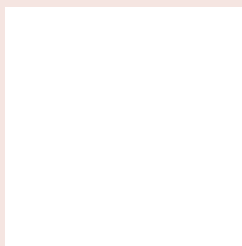
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2661, 80.8873, 82.6692

Background



This preview shows how black text looks on a background with the XYZ color 79.2661, 80.8873, 82.6692.



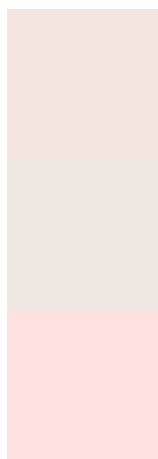
This preview shows how white text looks on a background with the XYZ color 79.2661, 80.8873,

82.6692.

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

79.2661, 80.8873, 82.6692

Protanopia

77.5633, 80.8200, 83.4633

Deuteranopia

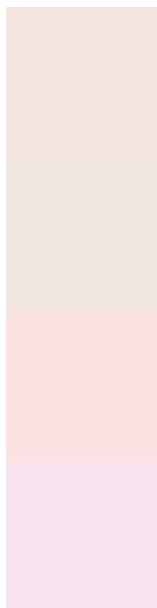
81.8927, 80.6014, 83.1929



Tritanopia

82.2369, 80.8808, 96.8652

Trichromacy



Original Color

79.2661, 80.8873, 82.6692

Protanomaly

78.2999, 80.7854, 83.4178

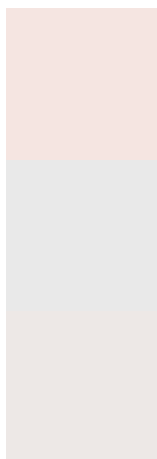
Deuteranomaly

80.7075, 80.3929, 83.2152

Tritanomaly

81.1129, 80.8268, 91.4468

Monochromacy



Original Color

79.2661, 80.8873, 82.6692

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0646, 81.4309, 86.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2661, 80.8873, 82.6692 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, 229, 225) looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 225)  
}
```

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, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.2661, 80.8873, 82.6692 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, 229, 225) }
```


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

```
.border{ border-color:rgb(245, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2661, 80.8873, 82.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 225) }
```

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

```
.background{ background-color: rgb(245,  
229, 225) }
```

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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