

Converting Colors

XYZ(79.8289, 83.3840, 81.8196)

Have a look what the booklet for
XYZ(79.8289, 83.3840, 81.8196)
contains.

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Color

**XYZ(79.7042, 83.2280,
81.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EADF
RGB	243, 234, 223
RGB Percent	95%, 92%, 87%
CMY	0.0471, 0.0823, 0.1255
CMYK	0.00, 0.04, 0.08, 0.05
HSL	33°, 45%, 91%
HSV	33°, 8%, 95%
XYZ	79.7042, 83.2280, 81.6758
YIQ	235.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

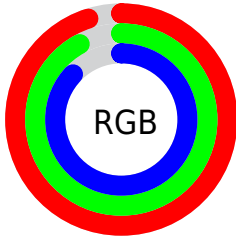
Format	Color
RYB	239, 243, 223
Decimal	15985375
CIELab	93.11, 1.18, 6.41
CIELCh	93, 6.514, 79.536
Yxy	83.2280, 0.3258, 0.3403
Android (android.graphics.Color)	4294175455 (0xFFFF3EADF)
YUV	235.4370, -6.1314, 6.6328
Hunter-Lab	91.2294, -3.7017, 10.7794

Details

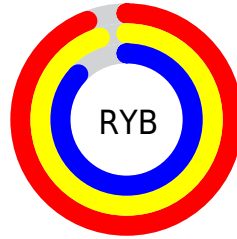
The XYZ color **79.7042, 83.2280, 81.6758** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4655, 79.8709, 96.2340**, and the grayscale version is **79.3411, 83.4730, 90.9021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4818, 45.2327, 43.4848** is the 20% darker color. If you saturate the color by 10%, you get **73.6447, 75.9807, 64.6356**, and if you desaturate by 10%, it is **86.4305, 91.0547, 101.2600**.

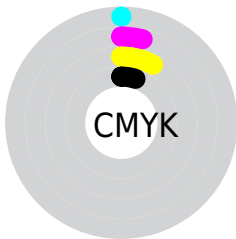
Distribution



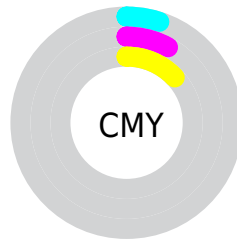
- Red (95%)
- Green (92%)
- Blue (87%)



- Red (94%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7042, 83.2280, 81.6758 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 79.7042, 83.2280, 81.6758 by changing the saturation by 10% instead.

79.7042, 83.2280,
81.6758

79.7042, 83.2280,
81.6758

482.6871,
505.7461, 520.4176

59.7826, 62.3783,
60.5641

131.9025,
137.8947, 137.5519

43.4922, 45.3384,
43.4452

164.9099,
172.4805, 173.1533

30.4677, 31.7241,
29.9006

203.0099,
212.4138, 214.4217

20.3437, 21.1508,
19.5117

246.5679,
258.0789, 261.7757

12.7548, 13.2343,
11.8601

295.9493,
309.8603, 315.6337

7.3358, 7.5901,
6.5271

351.5194,

3.7212, 3.8338,

368.1424, 376.4143

3.0942

413.6436,
433.3095, 444.5361

■ 1.5456, 1.5810,
1.1429

■ 0.3566, 0.3448,
0.0000

■ 79.7042, 83.2280,
81.6758

■ 79.7042, 83.2280,
81.6758

■ 73.6447, 75.9807,
64.6356

■ 86.4305, 91.0547,
101.2600

■ 68.2219, 69.2869,
50.0280

■ 90.7725, 97.7949,
108.6998

■ 63.4130, 63.1347,
37.7410

■ 59.1914, 57.5077,
27.6519

■ 55.5280, 52.3882,
19.6264

■ 52.3910, 47.7572,
13.5152

■ 49.7444, 43.5941,
9.1489

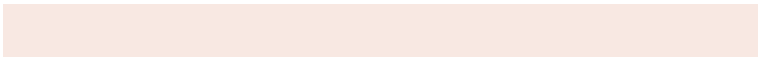
■ 47.5462, 39.8753,
6.3274

■ 45.7396, 36.5713,
4.7717

Harmonies

Analogous

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



81.2581, 83.2280, 83.6462



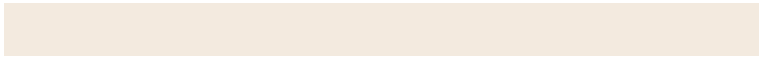
79.7042, 83.2280, 81.6758



78.0117, 83.2280, 82.0359

Triad

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



79.7042, 83.2280, 81.6758



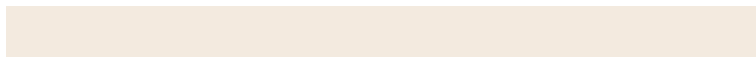
76.0483, 83.2280, 93.8056



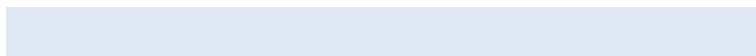
81.6329, 83.2280, 96.8686

Complementary

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



79.7042, 83.2280, 81.6758



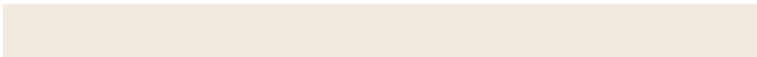
75.4655, 79.8709, 96.2340

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.



80.2099, 83.2280, 99.7854



79.7042, 83.2280, 81.6758



76.9917, 83.2280, 97.9734

Square

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



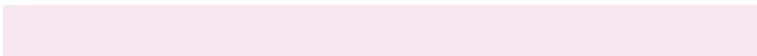
79.7042, 83.2280, 81.6758



75.9173, 83.2280, 88.9222



78.5102, 83.2280, 100.1969



82.3822, 83.2280, 92.3416

Rectangle

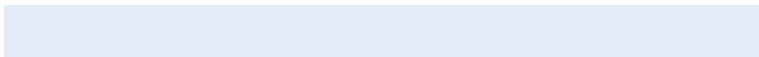
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7042, 83.2280, 81.6758



77.0318, 83.2280, 83.5533



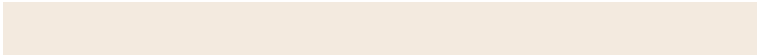
78.5102, 83.2280, 100.1969



81.2165, 83.2280, 98.0767

Sweetspot

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



79.7065, 83.2316, 81.6776



93.5122, 98.2210, 104.3902



77.9163, 77.6574, 87.2277



20.0316, 21.0421, 22.3910



0.0000, 0.0000, 0.0000



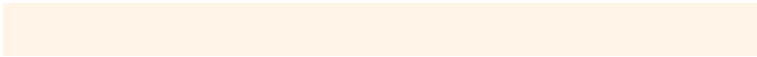
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7065, 83.2316, 81.6776



87.6625, 91.3644, 87.5101



81.9887, 88.3070, 82.5370



17.2550, 17.9942, 17.3614



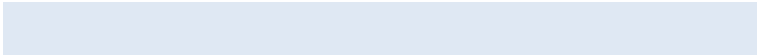
25.0794, 20.0443, 2.5471



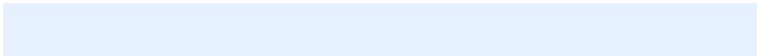
2.3068, 1.9668, 0.2581

Inverse Universe

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



75.4655, 79.8709, 96.2340



81.9691, 86.8528, 107.0518



73.3069, 75.0950, 95.4259



16.1949, 17.1541, 21.0001



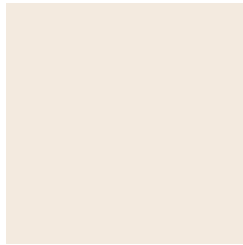
12.0280, 9.8497, 47.8053



1.1582, 1.0679, 4.2353

Previews

White Background



This preview shows how the XYZ color 79.7042, 83.2280, 81.6758 looks on a white background.

Color Contrast Check

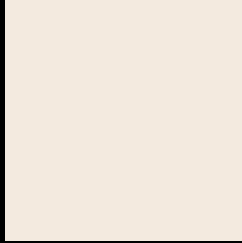
Large Text (above 18pt) WCAG AA × Fail

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 79.7042, 83.2280, 81.6758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

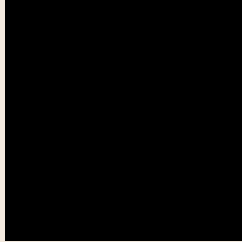
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7042, 83.2280, 81.6758

Background



This preview shows how black text looks on a background with the XYZ color 79.7042, 83.2280, 81.6758.



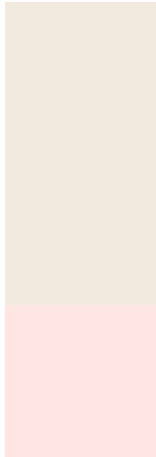
This preview shows how white text looks on a background with the XYZ color 79.7042, 83.2280,

81.6758.

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

79.7042, 83.2280, 81.6758

Protanopia

79.3601, 83.0506, 81.6597

Deuteranopia

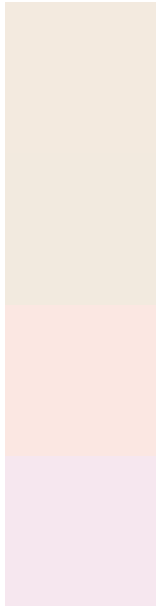
83.1244, 82.8447, 84.2825



Tritanopia

83.5979, 83.1451, 100.4495

Trichromacy



Original Color

79.7042, 83.2280, 81.6758

Protanomaly

79.3601, 83.0506, 81.6597

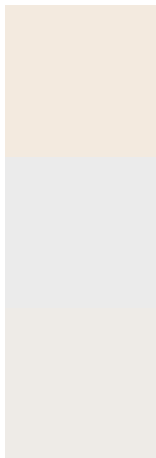
Deuteranomaly

82.0870, 83.1520, 83.6750

Tritanomaly

82.1619, 82.9767, 93.3471

Monochromacy



Original Color

79.7042, 83.2280, 81.6758

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.3920, 83.3633, 87.5076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7042, 83.2280, 81.6758 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(243, 234, 223) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 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(243, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 223) }
```

Border

The CSS property to change the border of an element to XYZ 79.7042, 83.2280, 81.6758 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(243, 234, 223) }
```


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

```
.border{ border-color:rgb(243, 234, 223) }
```

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

Here you see how a box with a 4 pixel rgb(243, 234, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7042, 83.2280, 81.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 223) }
```

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

```
.background{ background-color: rgb(243,  
234, 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](#).

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