

Converting Colors

XYZ(78.3087, 82.8237, 78.8989)

Have a look what the booklet for
XYZ(78.3087, 82.8237, 78.8989)
contains.

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Color

**XYZ(78.4297, 83.0564,
78.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EBDB
RGB	240, 235, 219
RGB Percent	94%, 92%, 86%
CMY	0.0588, 0.0784, 0.1412
CMYK	0.00, 0.02, 0.09, 0.06
HSL	46°, 41%, 90%
HSV	46°, 9%, 94%
XYZ	78.4297, 83.0564, 78.9156
YIQ	234.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

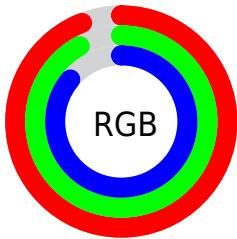
Format	Color
R _Y B	226, 240, 219
Decimal	15789019
CIE Lab	93.04, -1.02, 8.35
CIE LCh	93, 8.409, 96.968
Yxy	83.0564, 0.3262, 0.3455
Android (android.graphics.Color)	4293979099 (0xFFFF0EBDB)
YUV	234.6710, -7.7258, 4.6735
Hunter-Lab	91.1353, -5.8722, 12.4545

Details

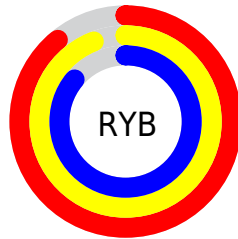
The XYZ color **78.4297, 83.0564, 78.9156** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.5971, 74.6614, 93.0765**, and the grayscale version is **78.7700, 82.8721, 90.2478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5881, 45.1109, 41.5846** is the 20% darker color. If you saturate the color by 10%, you get **73.8876, 78.6686, 62.9210**, and if you desaturate by 10%, it is **83.4845, 87.7386, 97.3306**.

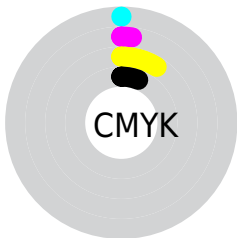
Distribution



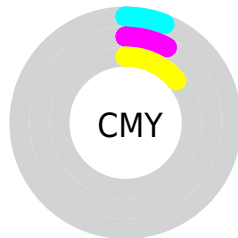
- Red (94%)
- Green (92%)
- Blue (86%)



- Red (89%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4297, 83.0564, 78.9156 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 78.4297, 83.0564, 78.9156 by changing the saturation by 10% instead.

78.4297, 83.0564,
78.9156

78.4297, 83.0564,
78.9156

478.4424,
505.1745, 510.8808

58.7310, 62.2367,
58.3055

130.1179,
137.6545, 133.6376

42.6422, 45.2240,
41.6380

162.8381,
172.2016, 168.5866

29.7978, 31.6339,
28.4945

200.6295,
212.0933, 209.1524

19.8324, 21.0820,
18.4565

243.8575,
257.7140, 255.7534

12.3809, 13.1840,
11.1054

292.8874,
309.4480, 308.8082

7.0777, 7.5553,
6.0227

348.0847,

3.5575, 3.8118,

367.6799, 368.7353

2.7899

409.8145,
432.7939, 435.9534

■ 1.4550, 1.5688,
0.9884

■ 0.2949, 0.3364,
0.0000

■ 78.4297, 83.0564,
78.9156

■ 78.4297, 83.0564,
78.9156

■ 73.8876, 78.6686,
62.9210

■ 83.4845, 87.7386,
97.3306

■ 69.8313, 74.5557,
49.2390

■ 87.0705, 91.9153,
107.7601

■ 66.2420, 70.7119,
37.7617

■ 88.8378, 95.4500,
108.3492

■ 63.0966, 67.1272,
28.3706

■ 89.7456, 97.2655,
108.6518

■ 60.3700, 63.7909,
20.9357

■ 58.0343, 60.6908,
15.3126

■ 56.0576, 57.8135,
11.3366

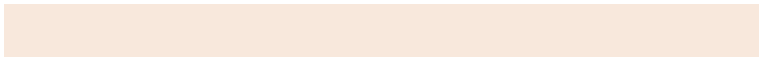
■ 54.4027, 55.1432,
8.8133

■ 53.0144, 52.6569,
7.4558

Harmonies

Analogous

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



80.6121, 83.0564, 79.7198



78.4297, 83.0564, 78.9156



76.4218, 83.0564, 81.0810

Triad

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



78.4297, 83.0564, 78.9156



75.6053, 83.0564, 97.9301



82.9067, 83.0564, 95.2658

Complementary

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



78.4297, 83.0564, 78.9156



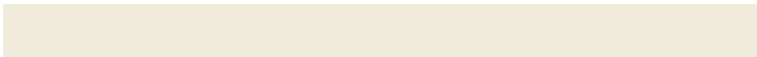
71.5971, 74.6614, 93.0765

Split Complementary

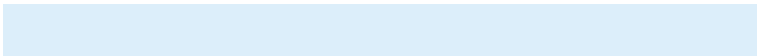
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5183, 83.0564, 100.4807



78.4297, 83.0564, 78.9156



77.2964, 83.0564, 102.0682

Square

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



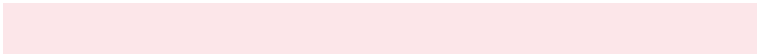
78.4297, 83.0564, 78.9156



74.8109, 83.0564, 91.9145



79.4578, 83.0564, 103.0226



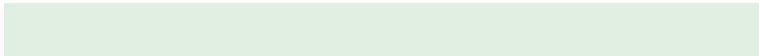
83.2237, 83.0564, 88.9701

Rectangle

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



78.4297, 83.0564, 78.9156



75.4433, 83.0564, 83.9792



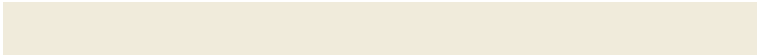
79.4578, 83.0564, 103.0226



82.5485, 83.0564, 97.2119

Sweetspot

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



78.4320, 83.0600, 78.9174



93.2648, 98.3614, 102.3492



74.7562, 74.5849, 81.1563



19.8623, 20.9608, 21.5415



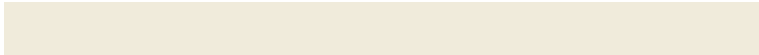
0.0000, 0.0000, 0.0000



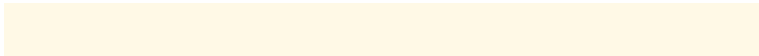
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4320, 83.0600, 78.9174



89.3081, 94.6557, 88.0586



78.1257, 85.0553, 79.3187



16.7857, 17.7845, 16.6978



29.0387, 28.8754, 4.0430



2.4915, 2.5536, 0.3616

Inverse Universe

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



71.5971, 74.6614, 93.0765



80.3935, 83.7016, 106.5266



71.8788, 72.8428, 92.7106



15.2025, 15.8391, 19.9776



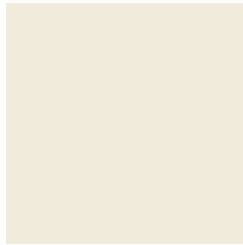
9.4985, 5.2212, 45.6350



0.8646, 0.5832, 3.8212

Previews

White Background



This preview shows how the XYZ color 78.4297, 83.0564, 78.9156 looks on a white background.

Color Contrast Check

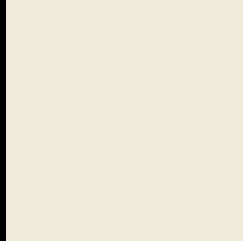
Large Text (above 18pt) WCAG AA × Fail

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 78.4297, 83.0564, 78.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

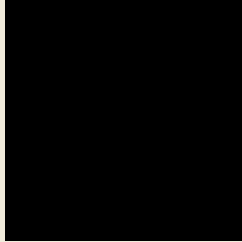
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

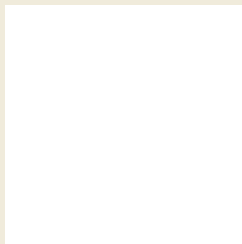
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4297, 83.0564, 78.9156

Background



This preview shows how black text looks on a background with the XYZ color 78.4297, 83.0564, 78.9156.



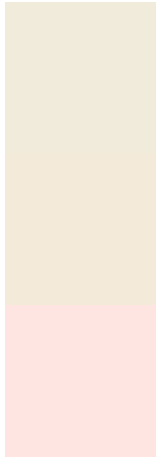
This preview shows how white text looks on a background with the XYZ color 78.4297, 83.0564,

78.9156.

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

78.4297, 83.0564, 78.9156

Protanopia

79.0399, 82.9623, 78.1771

Deuteranopia

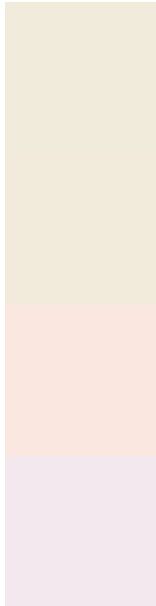
82.8499, 82.7349, 82.8369



Tritanopia

82.9830, 83.2245, 101.3128

Trichromacy



Original Color

78.4297, 83.0564, 78.9156

Protanomaly

78.6957, 82.7848, 78.1610

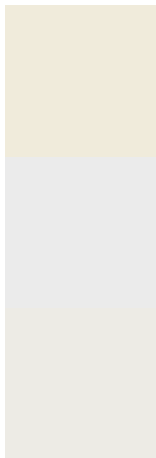
Deuteranomaly

81.3195, 82.8035, 81.5087

Tritanomaly

81.2514, 82.9410, 92.6157

Monochromacy



Original Color

78.4297, 83.0564, 78.9156

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.7762, 83.0783, 86.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4297, 83.0564, 78.9156 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(240, 235, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 219)  
}
```

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(240, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 219) }
```

Border

The CSS property to change the border of an element to XYZ 78.4297, 83.0564, 78.9156 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(240, 235, 219) }
```


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

```
.border{ border-color:rgb(240, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4297, 83.0564, 78.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 219) }
```

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

```
.background{ background-color: rgb(240,  
235, 219) }
```

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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