

Converting Colors

XYZ(78.0590, 82.4370, 73.2499)

Have a look what the booklet for
XYZ(78.0590, 82.4370, 73.2499)
contains.

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Color

**XYZ(78.1428, 82.6035,
73.4535)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAD3
RGB	243, 234, 211
RGB Percent	95%, 92%, 83%
CMY	0.0471, 0.0823, 0.1725
CMYK	0.00, 0.04, 0.13, 0.05
HSL	43°, 57%, 89%
HSV	43°, 13%, 95%
XYZ	78.1428, 82.6035, 73.4535
YIQ	234.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

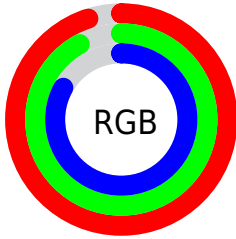
Format	Color
RYB	224, 243, 211
Decimal	15985363
CIELab	92.84, -0.74, 12.25
CIELCh	93, 12.271, 93.442
Yxy	82.6035, 0.3337, 0.3527
Android (android.graphics.Color)	4294175443 (0xFFFF3EAD3)
YUV	234.0690, -11.3730, 7.8325
Hunter-Lab	90.8865, -5.5797, 15.7030

Details

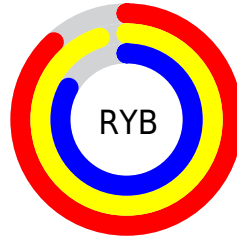
The XYZ color **78.1428, 82.6035, 73.4535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.6345, 71.5048, 94.9790**, and the grayscale version is **78.3375, 82.4172, 89.7523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4147, 44.8059, 37.8654** is the 20% darker color. If you saturate the color by 10%, you get **73.4172, 77.6641, 57.9676**, and if you desaturate by 10%, it is **83.4084, 87.8844, 91.3934**.

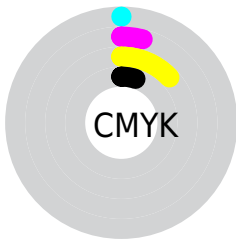
Distribution



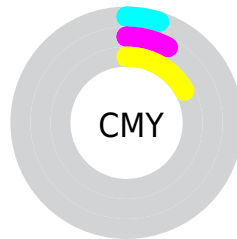
- Red (95%)
- Green (92%)
- Blue (83%)



- Red (88%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1428, 82.6035, 73.4535 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 78.1428, 82.6035, 73.4535 by changing the saturation by 10% instead.

78.1428, 82.6035,
73.4535

78.1428, 82.6035,
73.4535

477.4841,
503.6641, 491.6979

58.4945, 61.8631,
53.8528

129.7157,
137.0200, 125.8477

42.4511, 44.9221,
38.0916

162.3710,
171.4649, 159.4782

29.6473, 31.3961,
25.7514

200.0927,
211.2467, 198.6225

19.7178, 20.9006,
16.4137

243.2461,
256.7499, 243.6989

12.2971, 13.0514,
9.6598

292.1966,
308.3589, 295.1262

7.0200, 7.4639,
5.0714

347.3095,

3.5211, 3.7539,

366.4580, 353.3227

2.2297

408.9502,
431.4316, 418.7071

■ 1.4349, 1.5369,
0.6914

■ 0.2809, 0.3145,
0.0000

■ 78.1428, 82.6035,
73.4535

■ 78.1428, 82.6035,
73.4535

■ 73.4172, 77.6641,
57.9676

■ 83.4084, 87.8844,
91.3934

■ 69.2036, 73.0454,
44.8217

■ 88.4776, 93.2051,
107.9349

■ 65.4810, 68.7404,
33.9003

■ 90.6124, 97.4748,
108.6465

■ 62.2247, 64.7378,
25.0765

■ 90.7724, 97.7948,
108.6998

■ 59.4070, 61.0252,
18.2099

■ 56.9974, 57.5888,
13.1433

■ 54.9603, 54.4131,
9.6948

■ 53.2532, 51.4794,
7.6439

■ 52.2331, 49.5962,
6.8200

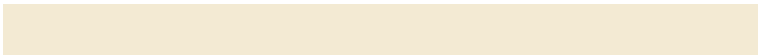
Harmonies

Analogous

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



81.2990, 82.6035, 75.0639



78.1428, 82.6035, 73.4535



75.1656, 82.6035, 76.0070

Triad

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



78.1428, 82.6035, 73.4535



73.4827, 82.6035, 100.0194



84.1528, 82.6035, 98.0627

Complementary

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



78.1428, 82.6035, 73.4535



68.6345, 71.5048, 94.9790

Split Complementary

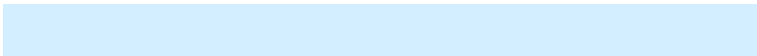
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9565, 82.6035, 105.4821



78.1428, 82.6035, 73.4535



75.7898, 82.6035, 106.6647

Square

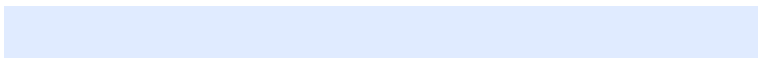
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



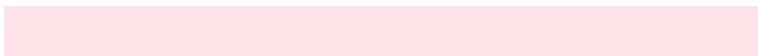
78.1428, 82.6035, 73.4535



72.5216, 82.6035, 91.0048



78.8827, 82.6035, 108.7281



84.8238, 82.6035, 88.8859

Rectangle

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



78.1428, 82.6035, 73.4535



73.6667, 82.6035, 79.8358



78.8827, 82.6035, 108.7281



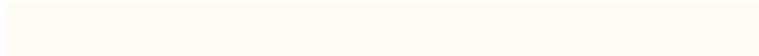
83.5656, 82.6035, 100.8652

Sweetspot

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



78.1450, 82.6071, 73.4553



92.5430, 97.5446, 100.1767



73.1844, 70.8151, 77.5689



19.7095, 20.7812, 21.1017



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.



78.1450, 82.6071, 73.4553



85.6130, 90.5450, 76.7170



78.4234, 86.6493, 74.2208



17.4980, 18.4801, 17.4423



28.7870, 27.4597, 3.7830



2.6167, 2.5867, 0.3614

Inverse Universe

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



68.6345, 71.5048, 94.9790



72.9463, 75.7589, 105.3860



68.3664, 67.9559, 94.3081



15.9604, 16.6851, 20.9219



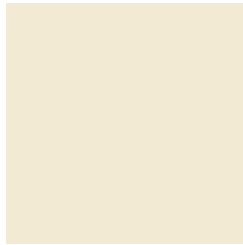
10.1214, 6.0367, 47.1698



0.9729, 0.6973, 4.1735

Previews

White Background



This preview shows how the XYZ color 78.1428, 82.6035, 73.4535 looks on a white background.

Color Contrast Check

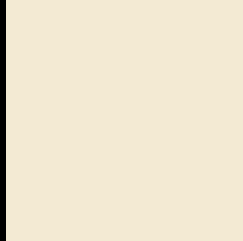
Large Text (above 18pt) WCAG AA × Fail

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 78.1428, 82.6035, 73.4535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

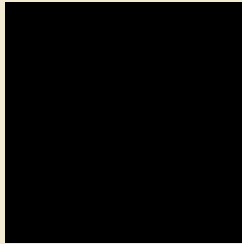
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1428, 82.6035, 73.4535

Background



This preview shows how black text looks on a background with the XYZ color 78.1428, 82.6035, 73.4535.



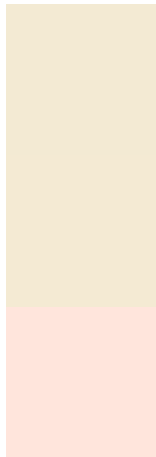
This preview shows how white text looks on a background with the XYZ color 78.1428, 82.6035,

73.4535.

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

78.1428, 82.6035, 73.4535

Protanopia

78.4889, 82.7819, 73.4697

Deuteranopia

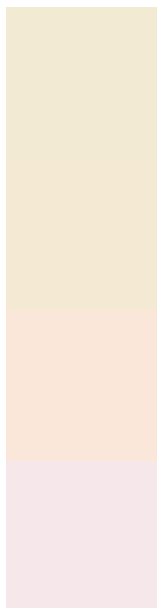
82.1776, 82.4659, 79.2964



Tritanopia

83.5192, 82.7105, 99.5585

Trichromacy



Original Color

78.1428, 82.6035, 73.4535

Protanomaly

78.4889, 82.7819, 73.4697

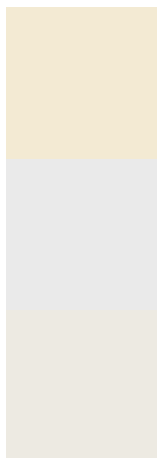
Deuteranomaly

80.8840, 82.6708, 77.3397

Tritanomaly

81.4332, 82.6852, 89.5097

Monochromacy



Original Color

78.1428, 82.6035, 73.4535

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.0753, 82.3411, 83.7299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1428, 82.6035, 73.4535 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 211) }
```

Border

The CSS property to change the border of an element to XYZ 78.1428, 82.6035, 73.4535 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, 211) }
```


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

```
.border{ border-color:rgb(243, 234, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1428, 82.6035, 73.4535 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, 211) }
```

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

```
.background{ background-color: rgb(243,  
234, 211) }
```

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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