

Converting Colors

XYZ(79.1105, 82.4922, 74.5092)

Have a look what the booklet for
XYZ(79.1105, 82.4922, 74.5092)
contains.

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Color

**XYZ(79.1552, 82.6748,
74.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E9D5
RGB	246, 233, 213
RGB Percent	96%, 91%, 84%
CMY	0.0353, 0.0863, 0.1647
CMYK	0.00, 0.05, 0.13, 0.04
HSL	36°, 65%, 90%
HSV	36°, 13%, 96%
XYZ	79.1552, 82.6748, 74.7367
YIQ	234.6070, 14.1680, -3.4640

Conversions

Conversions Part 2

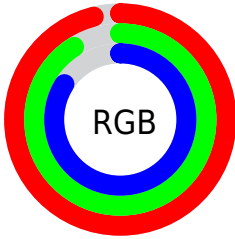
Format	Color
RYB	234, 246, 213
Decimal	16181717
CIELab	92.87, 1.14, 11.29
CIELCh	93, 11.345, 84.221
Yxy	82.6748, 0.3346, 0.3495
Android (android.graphics.Color)	4294371797 (0xFFFF6E9D5)
YUV	234.6070, -10.6523, 9.9917
Hunter-Lab	90.9257, -3.7271, 14.9143

Details

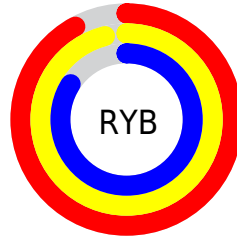
The XYZ color **79.1552, 82.6748, 74.7367** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.2712, 75.1911, 97.9464**, and the grayscale version is **78.7396, 82.8402, 90.2130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1289, 44.8601, 38.7335** is the 20% darker color. If you saturate the color by 10%, you get **73.5998, 76.1870, 58.6307**, and if you desaturate by 10%, it is **85.3394, 89.6605, 93.3909**.

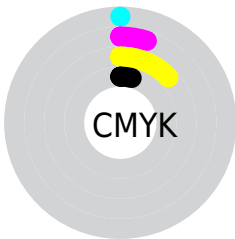
Distribution



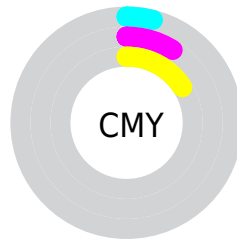
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (92%)
- Yellow (96%)
- Blue (84%)



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





- Cyan (4%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1552, 82.6748, 74.7367 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 79.1552, 82.6748, 74.7367 by changing the saturation by 10% instead.


 79.1552, 82.6748,
74.7367

 79.1552, 82.6748,
74.7367

480.8612,
503.9021, 496.2433

 59.3295, 61.9219,
54.8968


131.1341,
137.1199, 127.6832

 43.1258, 44.9696,
38.9210


164.0180,
171.5809, 161.6270

 30.1788, 31.4335,
26.3910


201.9854,
211.3801, 201.1090

 20.1231, 20.9292,
16.8880

245.4015,
256.9018, 246.5479

 12.5933, 13.0722,
9.9935

294.6318,
308.5304, 298.3623

 7.2242, 7.4783,
5.2891

350.0416,

 3.6503, 3.7630,

366.6504, 356.9706

2.3562

411.9963,
431.6462, 422.7915

■ 1.5062, 1.5419,
0.7624

■ 0.3301, 0.3179,
0.0000

■ 79.1552, 82.6748,
74.7367

■ 79.1552, 82.6748,
74.7367

■ 73.5998, 76.1870,
58.6307

■ 85.3394, 89.6605,
93.3909

■ 68.6427, 70.1730,
44.9550

■ 90.9864, 96.6732,
108.4720

■ 64.2609, 64.6222,
33.5898

■ 91.8163, 98.3330,
108.7487

■ 60.4270, 59.5197,
24.4033

■ 57.1109, 54.8493,
17.2501

■ 54.2792, 50.5934,
11.9669

■ 51.8934, 46.7324,
8.3648

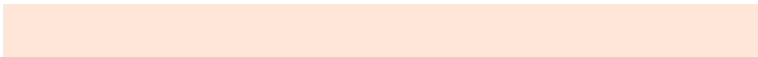
■ 49.9074, 43.2430,
6.2145

■ 48.7740, 41.1284,
5.3679

Harmonies

Analogous

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



81.9593, 82.6748, 77.4158



79.1552, 82.6748, 74.7367



76.2649, 82.6748, 75.9390

Triad

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



79.1552, 82.6748, 74.7367



73.4962, 82.6748, 96.8823



83.2948, 82.6748, 99.9029

Complementary

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



79.1552, 82.6748, 74.7367



71.2712, 75.1911, 97.9464

Split Complementary

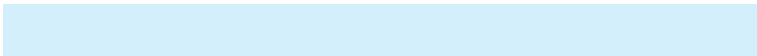
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9413, 82.6748, 105.7395



79.1552, 82.6748, 74.7367



75.2947, 82.6748, 103.9203

Square

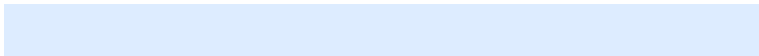
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1552, 82.6748, 74.7367



73.0450, 82.6748, 88.3852



78.0074, 82.6748, 107.2539



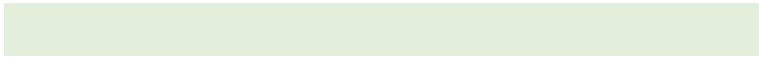
84.3876, 82.6748, 91.6724

Rectangle

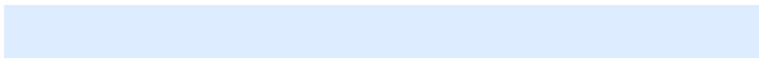
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1552, 82.6748, 74.7367



74.6718, 82.6748, 78.8209



78.0074, 82.6748, 107.2539



82.6220, 82.6748, 102.2301

Sweetspot

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



79.1574, 82.6785, 74.7385



92.1829, 96.8243, 100.0566



75.5562, 72.6844, 82.1438



19.6182, 20.5987, 21.0713



0.0000, 0.0000, 0.0000



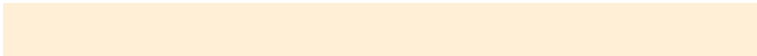
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1574, 82.6785, 74.7385



84.2501, 87.8192, 76.2627



81.8255, 89.7178, 75.9566



17.3351, 18.1543, 17.3880



26.1741, 22.2338, 2.9120



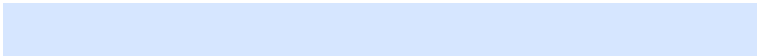
2.4004, 2.1541, 0.2893

Inverse Universe

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



71.2712, 75.1911, 97.9464



74.2111, 78.2884, 105.8076



68.8375, 68.8882, 96.8581



16.1165, 16.9973, 20.9739



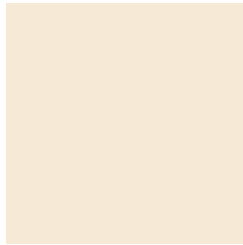
11.2815, 8.3567, 47.5564



1.0887, 0.9288, 4.2121

Previews

White Background



This preview shows how the XYZ color 79.1552, 82.6748, 74.7367 looks on a white background.

Color Contrast Check

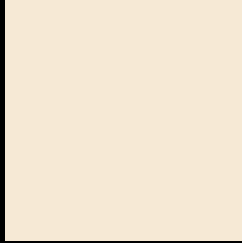
Large Text (above 18pt) WCAG AA × Fail

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 79.1552, 82.6748, 74.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

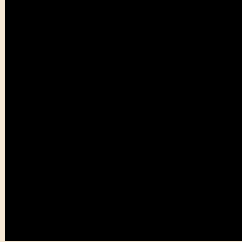
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1552, 82.6748, 74.7367

Background



This preview shows how black text looks on a background with the XYZ color 79.1552, 82.6748, 74.7367.



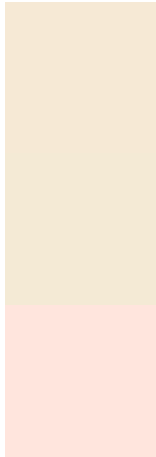
This preview shows how white text looks on a background with the XYZ color 79.1552, 82.6748,

74.7367.

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

79.1552, 82.6748, 74.7367

Protanopia

78.7413, 82.8828, 74.7987

Deuteranopia

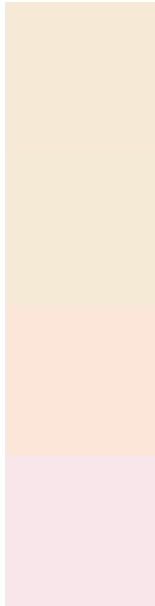
82.3105, 82.5191, 79.9962



Tritanopia

84.1616, 82.6499, 98.7060

Trichromacy



Original Color

79.1552, 82.6748, 74.7367

Protanomaly

79.0892, 83.0622, 74.8149

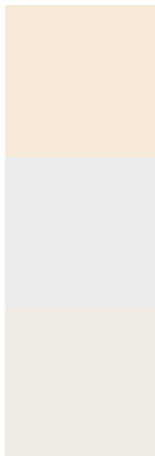
Deuteranomaly

81.0966, 82.3510, 77.9508

Tritanomaly

82.2150, 82.6739, 89.4664

Monochromacy



Original Color

79.1552, 82.6748, 74.7367

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.8846, 82.7424, 84.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1552, 82.6748, 74.7367 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(246, 233, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 213)  
}
```

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(246, 233, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 213) }
```

Border

The CSS property to change the border of an element to XYZ 79.1552, 82.6748, 74.7367 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(246, 233, 213) }
```


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

```
.border{ border-color:rgb(246, 233, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1552, 82.6748, 74.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 213) }
```

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

```
.background{ background-color: rgb(246,  
233, 213) }
```

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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