

Converting Colors

XYZ(76.4664, 78.9485, 77.8022)

Have a look what the booklet for
XYZ(76.4664, 78.9485, 77.8022)
contains.

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Color

**XYZ(76.6739, 79.2495,
77.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E4DA
RGB	241, 228, 218
RGB Percent	95%, 89%, 85%
CMY	0.0549, 0.1059, 0.1451
CMYK	0.00, 0.05, 0.10, 0.05
HSL	26°, 45%, 90%
HSV	26°, 10%, 95%
XYZ	76.6739, 79.2495, 77.5852
YIQ	230.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

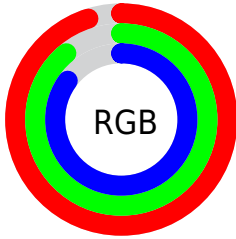
Format	Color
R_{YB}	241, 236, 218
Decimal	15852762
CIE _{Lab}	91.35, 2.75, 6.44
CIE _{LCh}	91, 7.006, 66.914
Yxy	79.2495, 0.3284, 0.3394
Android (android.graphics.Color)	4294042842 (0xFFFF1E4DA)
YUV	230.7470, -6.2843, 8.9919
Hunter-Lab	89.0222, -2.0486, 10.6427

Details

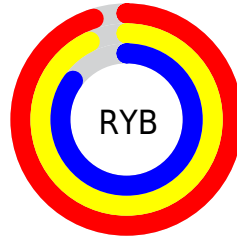
The XYZ color **76.6739, 79.2495, 77.5852** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.3664, 78.4068, 94.4871**, and the grayscale version is **75.8089, 79.7569, 86.8552**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5620, 42.8458, 40.7298** is the 20% darker color. If you saturate the color by 10%, you get **70.1476, 70.8816, 60.9653**, and if you desaturate by 10%, it is **83.9583, 88.3979, 96.7220**.

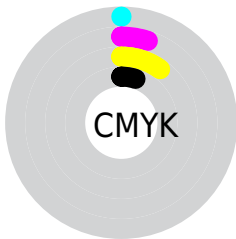
Distribution



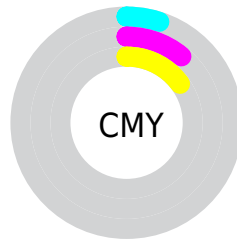
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6739, 79.2495, 77.5852 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 76.6739, 79.2495, 77.5852 by changing the saturation by 10% instead.

76.6739, 79.2495,
77.5852

76.6739, 79.2495,
77.5852

472.5605,
492.4000, 506.2475

57.2843, 59.1010,
57.2189

127.6543,
132.3100, 131.7458

41.4745, 42.6944,
40.7705

159.9759,
165.9909, 166.3771

28.8794, 29.6454,
27.8214

197.3387,
204.9512, 206.6005

19.1334, 19.5696,
17.9532

240.1083,
249.5755, 252.8345

11.8713, 12.0826,
10.7473

288.6498,
300.2481, 305.4977

6.7277, 6.7999,
5.7852

343.3288,

3.3372, 3.3373,

357.3535, 365.0085

2.6482

404.5106,
421.2760, 431.7856

■ 1.3345, 1.3103,
0.9172

■ 0.2088, 0.1491,
0.0000

■ 76.6739, 79.2495,
77.5852

■ 76.6739, 79.2495,
77.5852

■ 70.1476, 70.8816,
60.9653

■ 83.9583, 88.3979,
96.7220

■ 64.3463, 63.2625,
46.7513

■ 90.0860, 97.4410,
108.6677

■ 59.2441, 56.3731,
34.8311

■ 54.8109, 50.1897,
25.0818

■ 51.0140, 44.6871,
17.3689

■ 47.8175, 39.8385,
11.5426

■ 45.1812, 35.6142,
7.4321

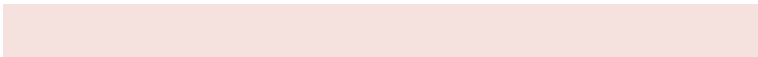
■ 43.0585, 31.9818,
4.8348

■ 41.3796, 28.8986,
3.4286

Harmonies

Analogous

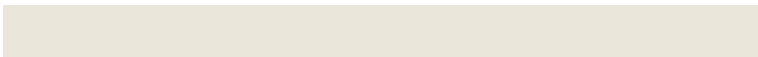
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0932, 79.2495, 80.5366



76.6739, 79.2495, 77.5852



74.9132, 79.2495, 76.9224

Triad

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



76.6739, 79.2495, 77.5852



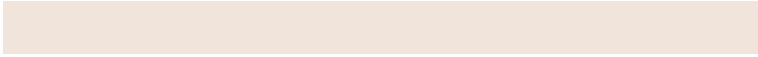
71.9784, 79.2495, 87.4742



77.3980, 79.2495, 94.3635

Complementary

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



76.6739, 79.2495, 77.5852



73.3664, 78.4068, 94.4871

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.



75.7369, 79.2495, 96.3872



76.6739, 79.2495, 77.5852



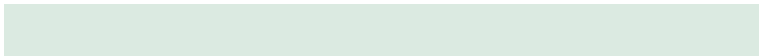
72.6216, 79.2495, 92.3095

Square

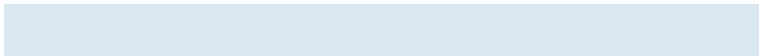
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6739, 79.2495, 77.5852



72.2204, 79.2495, 82.5036



73.9906, 79.2495, 95.6211



78.5158, 79.2495, 90.1889

Rectangle

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



76.6739, 79.2495, 77.5852



73.7861, 79.2495, 77.8431



73.9906, 79.2495, 95.6211



76.8837, 79.2495, 95.3252

Sweetspot

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



76.6761, 79.2530, 77.5869



92.4791, 96.7901, 102.0873



75.7765, 74.6161, 86.0355



19.6501, 20.5364, 21.4708



0.0000, 0.0000, 0.0000



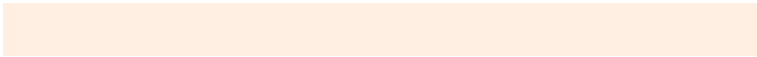
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6761, 79.2530, 77.5869



86.0089, 88.6247, 85.2100



79.9347, 85.7703, 78.6731



16.3384, 16.8899, 16.5487



22.5300, 15.8580, 1.8734



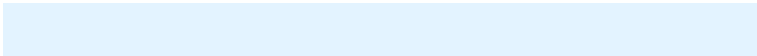
1.9715, 1.5136, 0.1882

Inverse Universe

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



73.3664, 78.4068, 94.4871



81.7033, 87.5237, 107.1953



70.2626, 72.1992, 93.4525



15.6384, 16.7109, 20.1229



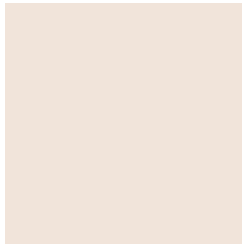
13.5339, 13.2921, 46.9802



1.2247, 1.3033, 3.9412

Previews

White Background



This preview shows how the XYZ color 76.6739, 79.2495, 77.5852 looks on a white background.

Color Contrast Check

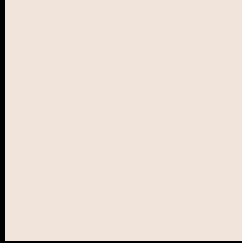
Large Text (above 18pt) WCAG AA × Fail

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 76.6739, 79.2495, 77.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

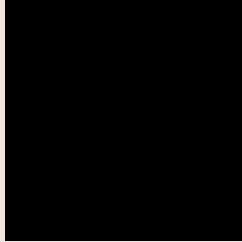
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

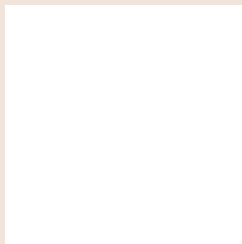
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6739, 79.2495, 77.5852

Background



This preview shows how black text looks on a background with the XYZ color 76.6739, 79.2495, 77.5852.

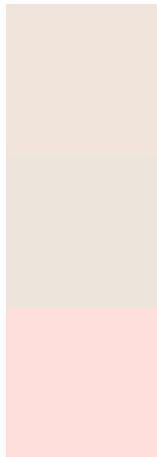


This preview shows how white text looks on a background with the XYZ color 76.6739, 79.2495,

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

76.6739, 79.2495, 77.5852

Protanopia

75.7305, 79.1576, 78.3054

Deuteranopia

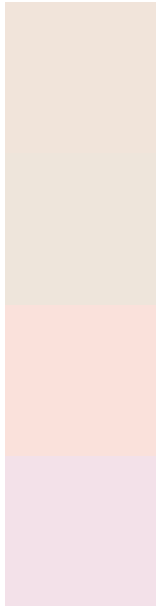
80.5459, 79.2027, 78.7526



Tritanopia

79.9909, 78.9552, 95.0283

Trichromacy



Original Color

76.6739, 79.2495, 77.5852

Protanomaly

76.0654, 79.3302, 78.3210

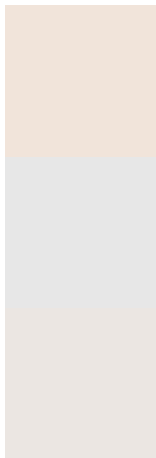
Deuteranomaly

79.1357, 79.2889, 78.1512

Tritanomaly

78.5953, 78.7883, 88.1560

Monochromacy



Original Color

76.6739, 79.2495, 77.5852

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2852, 79.7468, 83.3235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6739, 79.2495, 77.5852 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(241, 228, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 218)  
}
```

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(241, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.6739, 79.2495, 77.5852 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(241, 228, 218) }
```


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

```
.border{ border-color:rgb(241, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6739, 79.2495, 77.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 218) }
```

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

```
.background{ background-color: rgb(241,  
228, 218) }
```

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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