

Converting Colors

XYZ(77.0142, 80.1417, 72.9937)

Have a look what the booklet for
XYZ(77.0142, 80.1417, 72.9937)
contains.

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Color

**XYZ(76.7393, 79.7965,
72.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5D3
RGB	243, 229, 211
RGB Percent	95%, 90%, 83%
CMY	0.0471, 0.1019, 0.1725
CMYK	0.00, 0.06, 0.13, 0.05
HSL	34°, 57%, 89%
HSV	34°, 13%, 95%
XYZ	76.7393, 79.7965, 72.9857
YIQ	231.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

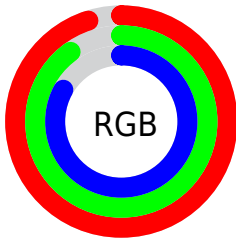
Format	Color
R _Y B	236, 243, 211
Decimal	15984083
CIE Lab	91.59, 1.82, 10.47
CIE LCh	92, 10.628, 80.155
Yxy	79.7965, 0.3343, 0.3477
Android (android.graphics.Color)	4294174163 (0xFFFF3E5D3)
YUV	231.1340, -9.9261, 10.4065
Hunter-Lab	89.3289, -2.9825, 14.0876

Details

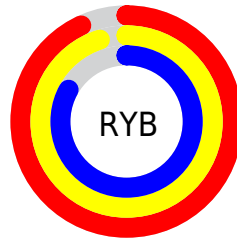
The XYZ color **76.7393, 79.7965, 72.9857** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.9665, 74.1687, 95.4229**, and the grayscale version is **76.1215, 80.0857, 87.2133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6303, 43.2372, 37.6039** is the 20% darker color. If you saturate the color by 10%, you get **71.0698, 72.9693, 57.1851**, and if you desaturate by 10%, it is **83.0538, 87.1751, 91.2752**.

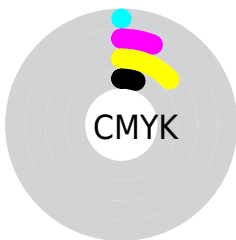
Distribution



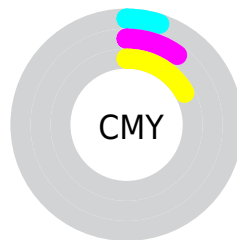
- Red (95%)
- Green (90%)
- Blue (83%)



- Red (93%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7393, 79.7965, 72.9857 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 76.7393, 79.7965, 72.9857 by changing the saturation by 10% instead.

76.7393, 79.7965,
72.9857

76.7393, 79.7965,
72.9857

472.7803,
494.2468, 490.0347

57.3381, 59.5509,
53.4725

127.7462,
133.0796, 125.1776

41.5180, 43.0568,
37.7898

160.0826,
166.8859, 158.6935

28.9135, 29.9297,
25.5190

197.4615,
205.9812, 197.7139

19.1593, 19.7852,
16.2416

240.2482,
250.7499, 242.6576

11.8902, 12.2390,
9.5391

288.8081,
301.5764, 293.9429

6.7406, 6.9067,
4.9929

343.5065,

3.3453, 3.4038,

358.8451, 351.9886

2.1844

404.7088,
422.9404, 417.2130

■ 1.3389, 1.3460,
0.6654

■ 0.2120, 0.1764,
0.0000

■ 76.7393, 79.7965,
72.9857

■ 76.7393, 79.7965,
72.9857

■ 71.0698, 72.9693,
57.1851

■ 83.0538, 87.1751,
91.2752

■ 66.0149, 66.6682,
43.7588

■ 89.2792, 94.8085,
108.2021

■ 61.5515, 60.8813,
32.5905

■ 90.7724, 97.7948,
108.6998

■ 57.6519, 55.5923,
23.5522

■ 54.2862, 50.7836,
16.5030

■ 51.4210, 46.4360,
11.2845

■ 49.0180, 42.5284,
7.7141

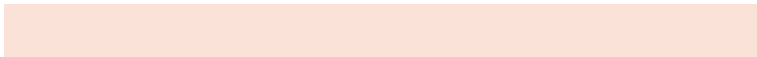
■ 47.0316, 39.0362,
5.5700

■ 45.8690, 36.8681,
4.6987

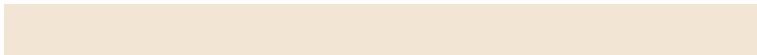
Harmonies

Analogous

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



79.2345, 79.7965, 75.9158



76.7393, 79.7965, 72.9857



74.0616, 79.7965, 73.6058

Triad

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



76.7393, 79.7965, 72.9857



71.0535, 79.7965, 92.1327



79.9186, 79.7965, 96.8089

Complementary

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



76.7393, 79.7965, 72.9857



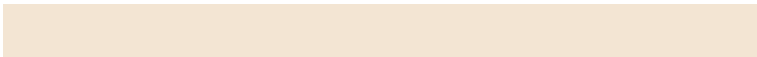
69.9665, 74.1687, 95.4229

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.



77.6551, 79.7965, 101.6720



76.7393, 79.7965, 72.9857



72.5520, 79.7965, 98.8626

Square

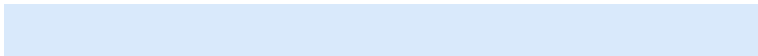
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7393, 79.7965, 72.9857



70.8216, 79.7965, 84.3562



74.9560, 79.7965, 102.4452



81.0988, 79.7965, 89.4635

Rectangle

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



76.7393, 79.7965, 72.9857



72.5310, 79.7965, 75.9632



74.9560, 79.7965, 102.4452



79.2567, 79.7965, 98.8061

Sweetspot

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



76.7415, 79.8000, 72.9874



92.0443, 96.5471, 100.0104



73.9025, 71.1024, 81.3506



19.5831, 20.5285, 21.0596



0.0000, 0.0000, 0.0000



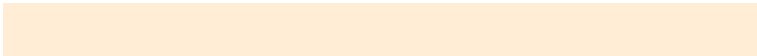
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7415, 79.8000, 72.9874



83.7326, 86.7842, 76.0902



80.2215, 87.5762, 74.3049



17.2727, 18.0296, 17.3673



25.3111, 20.5077, 2.6244



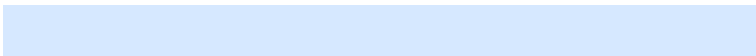
2.3268, 2.0068, 0.2647

Inverse Universe

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



69.9665, 74.1687, 95.4229



74.7089, 79.2841, 105.9735



66.7976, 67.1471, 94.2347



16.1774, 17.1192, 20.9943



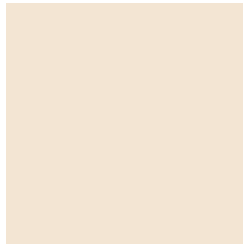
11.8520, 9.4978, 47.7466



1.1421, 1.0355, 4.2299

Previews

White Background



This preview shows how the XYZ color 76.7393, 79.7965, 72.9857 looks on a white background.

Color Contrast Check

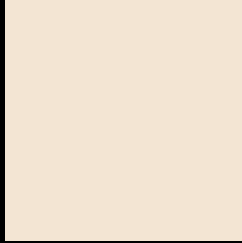
Large Text (above 18pt) WCAG AA × Fail

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 76.7393, 79.7965, 72.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

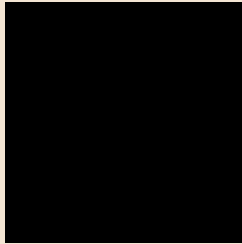
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7393, 79.7965, 72.9857

Background



This preview shows how black text looks on a background with the XYZ color 76.7393, 79.7965, 72.9857.

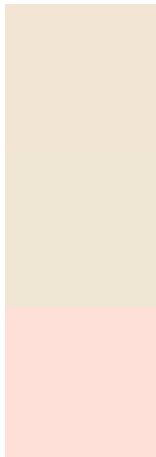


This preview shows how white text looks on a background with the XYZ color 76.7393, 79.7965,

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

76.7393, 79.7965, 72.9857

Protanopia

76.1157, 79.8724, 73.6925

Deuteranopia

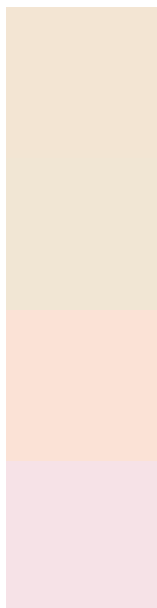
80.2903, 79.5292, 76.0847



Tritanopia

81.0404, 79.4963, 95.0774

Trichromacy



Original Color

76.7393, 79.7965, 72.9857

Protanomaly

76.4561, 80.0479, 73.7085

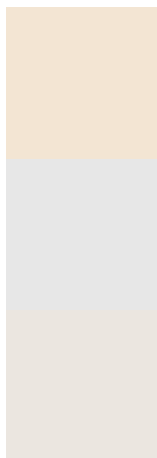
Deuteranomaly

79.1176, 79.7570, 74.8430

Tritanomaly

79.6262, 79.7551, 86.7988

Monochromacy



Original Color

76.7393, 79.7965, 72.9857

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0123, 79.6376, 81.8863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7393, 79.7965, 72.9857 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, 229, 211) looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 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, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 211) }
```

Border

The CSS property to change the border of an element to XYZ 76.7393, 79.7965, 72.9857 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, 229, 211) }
```


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

```
.border{ border-color:rgb(243, 229, 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, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7393, 79.7965, 72.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 211) }
```

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

```
.background{ background-color: rgb(243,  
229, 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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