

Converting Colors

XYZ(76.8831, 79.0538, 72.8347)

Have a look what the booklet for
XYZ(76.8831, 79.0538, 72.8347)
contains.

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Color

**XYZ(76.8831, 79.0538,
72.8347)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E3D3
RGB	245, 227, 211
RGB Percent	96%, 89%, 83%
CMY	0.0392, 0.1098, 0.1725
CMYK	0.00, 0.07, 0.14, 0.04
HSL	28°, 63%, 89%
HSV	28°, 14%, 96%
XYZ	76.8831, 79.0538, 72.8347
YIQ	230.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

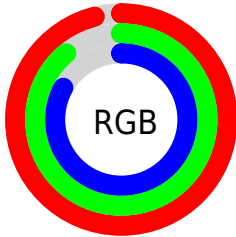
Format	Color
RYB	245, 241, 211
Decimal	16114643
CIELab	91.26, 3.55, 10.02
CIELCh	91, 10.626, 70.476
Yxy	79.0538, 0.3361, 0.3456
Android (android.graphics.Color)	4294304723 (0xFFFF5E3D3)
YUV	230.5580, -9.6421, 12.6656
Hunter-Lab	88.9122, -1.2460, 13.6696

Details

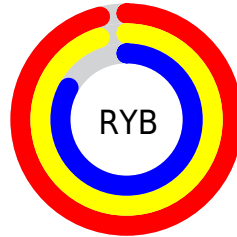
The XYZ color **76.8831, 79.0538, 72.8347** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.3643, 76.4783, 97.3873**, and the grayscale version is **75.6901, 79.6319, 86.7191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7395, 42.7242, 37.4992** is the 20% darker color. If you saturate the color by 10%, you get **70.6292, 71.0920, 56.7340**, and if you desaturate by 10%, it is **83.8766, 87.7442, 91.4934**.

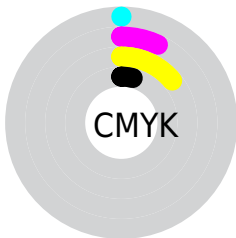
Distribution



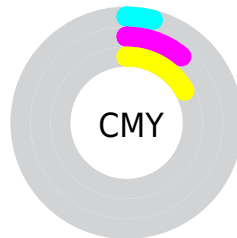
- Red (96%)
- Green (89%)
- Blue (83%)



- Red (96%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8831, 79.0538, 72.8347 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 76.8831, 79.0538, 72.8347 by changing the saturation by 10% instead.


 76.8831, 79.0538,
72.8347

 76.8831, 79.0538,
72.8347


473.2634,
491.7383, 489.4971

 57.4565, 58.9400,
53.3498


127.9482,
132.0346, 124.9613

 41.6134, 42.5649,
37.6925


160.3174,
165.6704, 158.4400

 28.9885, 29.5438,
25.4441


197.7315,
204.5824, 197.4205

 19.2164, 19.4926,
16.1862

240.5559,
249.1549, 242.3211

 11.9317, 12.0268,
9.5002

289.1559,
299.7724, 293.5606

 6.7690, 6.7619,
4.9676

343.8970,

 3.3631, 3.3136,

356.8192, 351.5574

2.1699

405.1443,
420.6797, 416.7301

■ 1.3486, 1.2976,
0.6569

■ 0.2191, 0.1393,
0.0000

■ 76.8831, 79.0538,
72.8347

■ 76.8831, 79.0538,
72.8347

■ 70.6292, 71.0920,
56.7340

■ 83.8766, 87.7442,
91.4934

■ 65.0815, 63.8280,
43.0730

■ 90.8129, 96.8455,
108.5144

■ 60.2134, 57.2443,
31.7316

■ 91.4664, 98.1526,
108.7323

■ 55.9939, 51.3184,
22.5774

■ 52.3891, 46.0262,
15.4645

■ 49.3615, 41.3420,
10.2288

■ 46.8684, 37.2373,
6.6806

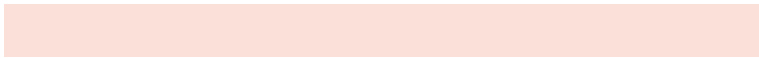
■ 44.8590, 33.6798,
4.5885

■ 43.8248, 31.7493,
3.8184

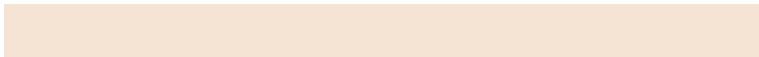
Harmonies

Analogous

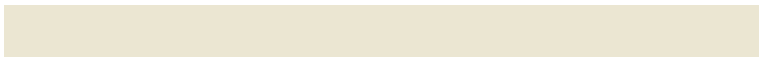
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1487, 79.0538, 76.7989



76.8831, 79.0538, 72.8347



74.2001, 79.0538, 72.2941

Triad

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



76.8831, 79.0538, 72.8347



70.1578, 79.0538, 88.8025



78.5519, 79.0538, 97.8638

Complementary

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



76.8831, 79.0538, 72.8347



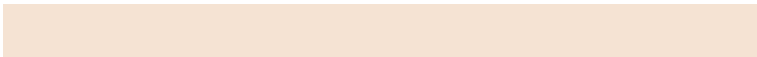
71.3643, 76.4783, 97.3873

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.



76.0843, 79.0538, 101.5071



76.8831, 79.0538, 72.8347



71.2656, 79.0538, 96.0720

Square

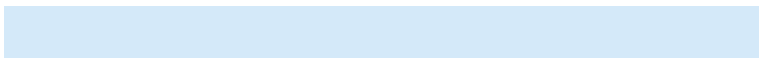
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8831, 79.0538, 72.8347



70.3601, 79.0538, 81.2119



73.4200, 79.0538, 100.8324



80.1280, 79.0538, 91.1309

Rectangle

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



76.8831, 79.0538, 72.8347



72.5410, 79.0538, 73.9108



73.4200, 79.0538, 100.8324



77.7968, 79.0538, 99.5081

Sweetspot

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



76.8853, 79.0573, 72.8364



91.7528, 95.9641, 99.9132



75.1128, 71.6666, 84.1014



19.5094, 20.3809, 21.0350



0.0000, 0.0000, 0.0000



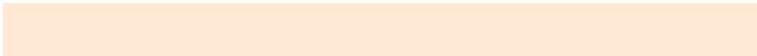
20.3446, 21.4041, 23.3091

Same Dimension

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



76.8853, 79.0573, 72.8364



81.9520, 83.7407, 73.9004



81.7253, 88.7375, 74.4497



17.1424, 17.7689, 17.3238



23.7453, 17.3762, 2.1024



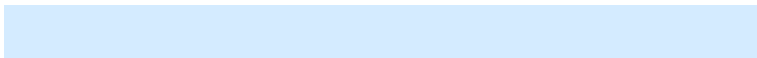
2.1890, 1.7312, 0.2188

Inverse Universe

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



71.3643, 76.4783, 97.3873



74.6928, 80.3494, 106.1800



66.9232, 67.5962, 95.9069



16.3073, 17.3788, 21.0375



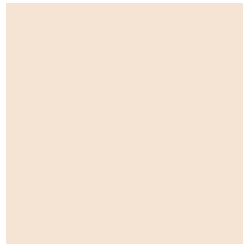
13.2957, 12.3852, 48.2279



1.2714, 1.2943, 4.2730

Previews

White Background



This preview shows how the XYZ color 76.8831, 79.0538, 72.8347 looks on a white background.

Color Contrast Check

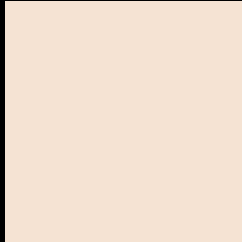
Large Text (above 18pt) WCAG AA × Fail

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 76.8831, 79.0538, 72.8347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

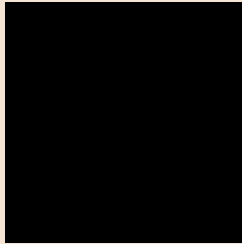
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8831, 79.0538, 72.8347

Background



This preview shows how black text looks on a background with the XYZ color 76.8831, 79.0538, 72.8347.

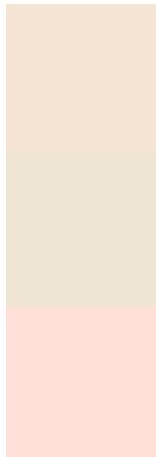


This preview shows how white text looks on a background with the XYZ color 76.8831, 79.0538,

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

76.8831, 79.0538, 72.8347

Protanopia

75.1629, 78.9692, 73.5684

Deuteranopia

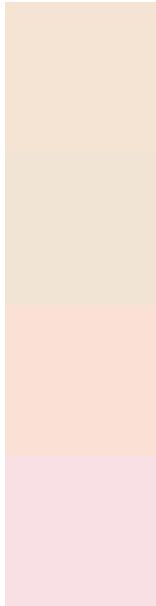
79.8934, 78.9416, 75.3164



Tritanopia

81.1828, 79.2064, 93.4476

Trichromacy



Original Color

76.8831, 79.0538, 72.8347

Protanomaly

75.9027, 78.9410, 73.5240

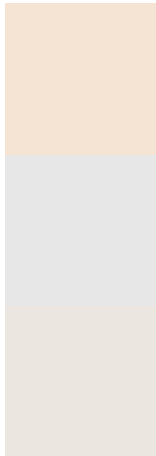
Deuteranomaly

78.5769, 78.6756, 74.6628

Tritanomaly

79.5099, 78.9249, 85.1721

Monochromacy



Original Color

76.8831, 79.0538, 72.8347

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3434, 79.8083, 81.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8831, 79.0538, 72.8347 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(245, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 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(245, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 211) }
```

Border

The CSS property to change the border of an element to XYZ 76.8831, 79.0538, 72.8347 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(245, 227, 211) }
```


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

```
.border{ border-color:rgb(245, 227, 211) }
```

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

Here you see how a box with a 4 pixel rgb(245, 227, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8831, 79.0538, 72.8347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 211) }
```

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

```
.background{ background-color: rgb(245,  
227, 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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