

Converting Colors

XYZ(76.2580, 78.5175, 72.1107)

Have a look what the booklet for
XYZ(76.2580, 78.5175, 72.1107)
contains.

XYZ(76.1374, 78.2790, 72.0692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.1374, 78.2790,
72.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2D2
RGB	244, 226, 210
RGB Percent	96%, 89%, 82%
CMY	0.0431, 0.1137, 0.1765
CMYK	0.00, 0.07, 0.14, 0.04
HSL	28°, 61%, 89%
HSV	28°, 14%, 96%
XYZ	76.1374, 78.2790, 72.0692
YIQ	229.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

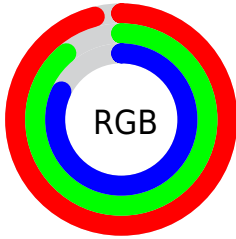
Format	Color
R_{YB}	244, 240, 210
Decimal	16048850
CIE _{Lab}	90.91, 3.56, 10.02
CIE _{LCh}	91, 10.636, 70.471
Yxy	78.2790, 0.3362, 0.3456
Android (android.graphics.Color)	4294238930 (0xFFFF4E2D2)
YUV	229.5580, -9.6421, 12.6656
Hunter-Lab	88.4754, -1.2241, 13.6371

Details

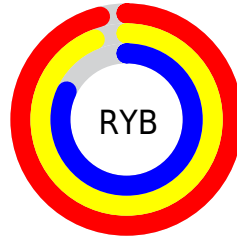
The XYZ color **76.1374, 78.2790, 72.0692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6504, 75.7183, 96.4799**, and the grayscale version is **74.9498, 78.8530, 85.8709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3027, 42.2175, 37.4244** is the 20% darker color. If you saturate the color by 10%, you get **69.9465, 70.3962, 56.1339**, and if you desaturate by 10%, it is **83.0607, 86.8832, 90.5372**.

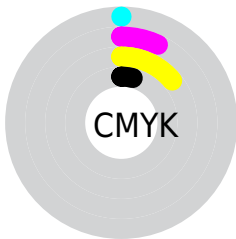
Distribution



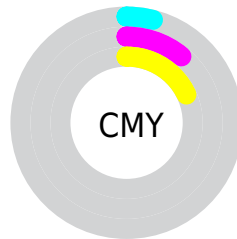
- Red (96%)
- Green (89%)
- Blue (82%)



- Red (96%)
- Yellow (94%)
- Blue (82%)



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





- Cyan (4%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1374, 78.2790, 72.0692 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 76.1374, 78.2790, 72.0692 by changing the saturation by 10% instead.


 76.1374, 78.2790,
72.0692

 76.1374, 78.2790,
72.0692


470.7551,
489.1138, 486.7664

 56.8426, 58.3032,
52.7280


126.9004,
130.9433, 123.8635

 41.1186, 42.0524,
37.1995


159.0994,
164.4007, 157.1538

 28.5998, 29.1424,
25.0650

196.3305,
203.1207, 195.9308

 18.9211, 19.1885,
15.9060


238.9591,
247.4877, 240.6132

 11.7169, 11.8066,
9.3040

287.3504,
297.8861, 291.6193

 6.6220, 6.6121,
4.8405

341.8700,

 3.2711, 3.2207,

354.7003, 349.3679

2.0969

402.8831,
418.3148, 414.2774

■ 1.2987, 1.2480,
0.6139

■ 0.1822, 0.1004,
0.0000

■ 76.1374, 78.2790,
72.0692

■ 76.1374, 78.2790,
72.0692

■ 69.9465, 70.3962,
56.1339

■ 83.0607, 86.8832,
90.5372

■ 64.4548, 63.2045,
42.6140

■ 90.1169, 95.9700,
108.3821

■ 59.6359, 56.6863,
31.3907

■ 91.1185, 97.9732,
108.7160

■ 55.4592, 50.8194,
22.3328

■ 51.8911, 45.5800,
15.2957

■ 48.8944, 40.9426,
10.1169

■ 46.4269, 36.8789,
6.6083

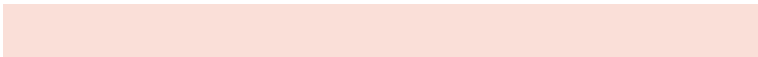
■ 44.4382, 33.3570,
4.5409

■ 43.4232, 31.4626,
3.7842

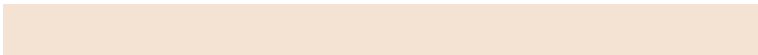
Harmonies

Analogous

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



78.3903, 78.2790, 76.0101



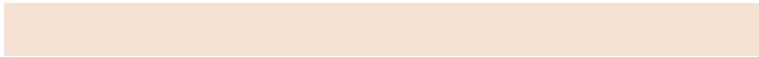
76.1374, 78.2790, 72.0692



73.4695, 78.2790, 71.5312

Triad

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



76.1374, 78.2790, 72.0692



69.4498, 78.2790, 87.9421



77.7961, 78.2790, 96.9569

Complementary

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



76.1374, 78.2790, 72.0692



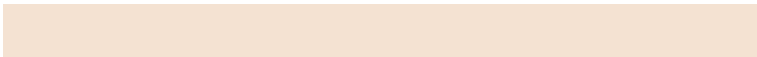
70.6504, 75.7183, 96.4799

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.



75.3420, 78.2790, 100.5804



76.1374, 78.2790, 72.0692



70.5510, 78.2790, 95.1723

Square

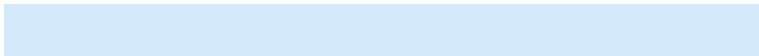
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1374, 78.2790, 72.0692



69.6512, 78.2790, 80.3947



72.6929, 78.2790, 99.9084



79.3638, 78.2790, 90.2606

Rectangle

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



76.1374, 78.2790, 72.0692



71.8198, 78.2790, 73.1376



72.6929, 78.2790, 99.9084



77.0451, 78.2790, 98.5924

Sweetspot

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



76.1395, 78.2825, 72.0709



91.7528, 95.9642, 99.9132



74.3777, 70.9361, 83.2686



19.5094, 20.3809, 21.0350



0.0000, 0.0000, 0.0000



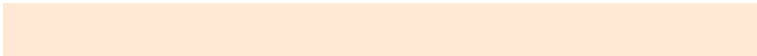
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1395, 78.2825, 72.0709



81.9520, 83.7407, 73.9004



80.9524, 87.9083, 73.6752



17.1424, 17.7689, 17.3238



23.7453, 17.3763, 2.1024



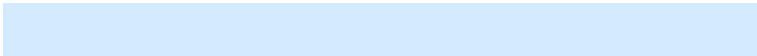
2.1890, 1.7312, 0.2188

Inverse Universe

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



70.6504, 75.7183, 96.4799



74.6927, 80.3494, 106.1800



66.2358, 66.8892, 95.0084



16.3072, 17.3788, 21.0375



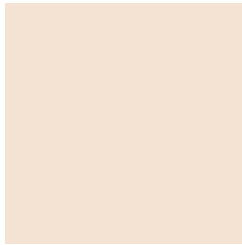
13.2957, 12.3851, 48.2278



1.2714, 1.2943, 4.2730

Previews

White Background



This preview shows how the XYZ color 76.1374, 78.2790, 72.0692 looks on a white background.

Color Contrast Check

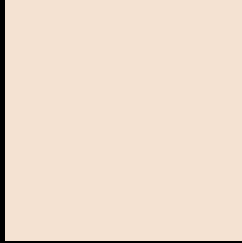
Large Text (above 18pt) WCAG AA × Fail

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 76.1374, 78.2790, 72.0692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

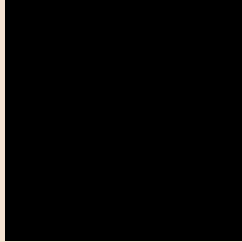
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1374, 78.2790, 72.0692

Background



This preview shows how black text looks on a background with the XYZ color 76.1374, 78.2790, 72.0692.



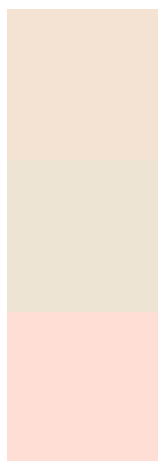
This preview shows how white text looks on a background with the XYZ color 76.1374, 78.2790,

72.0692.

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

76.1374, 78.2790, 72.0692

Protanopia

74.4263, 78.1945, 72.7984

Deuteranopia

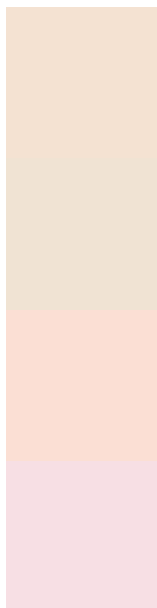
79.3715, 78.3066, 73.8822



Tritanopia

80.4127, 78.4310, 92.5618

Trichromacy



Original Color

76.1374, 78.2790, 72.0692

Protanomaly

75.1621, 78.1666, 72.7542

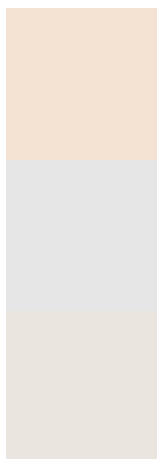
Deuteranomaly

78.0550, 78.0380, 73.2363

Tritanomaly

78.7490, 78.1509, 84.3329

Monochromacy



Original Color

76.1374, 78.2790, 72.0692

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5995, 79.0285, 81.0815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1374, 78.2790, 72.0692 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(244, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 210)  
}
```

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(244, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 210) }
```

Border

The CSS property to change the border of an element to XYZ 76.1374, 78.2790, 72.0692 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(244, 226, 210) }
```


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

```
.border{ border-color:rgb(244, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1374, 78.2790, 72.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 210) }
```

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

```
.background{ background-color: rgb(244,  
226, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor