

Converting Colors

XYZ(76.1369, 78.2454, 70.8162)

Have a look what the booklet for
XYZ(76.1369, 78.2454, 70.8162)
contains.

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Color

**XYZ(76.2377, 78.3593,
70.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E2D0
RGB	245, 226, 208
RGB Percent	96%, 89%, 82%
CMY	0.0392, 0.1137, 0.1843
CMYK	0.00, 0.08, 0.15, 0.04
HSL	29°, 65%, 89%
HSV	29°, 15%, 96%
XYZ	76.2377, 78.3593, 70.7812
YIQ	229.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

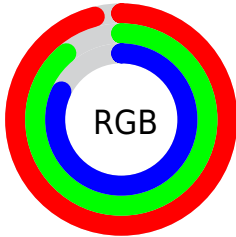
Format	Color
R_{YB}	245, 243, 208
Decimal	16114384
CIE _{Lab}	90.94, 3.60, 11.13
CIE _{LCh}	91, 11.700, 72.070
Yxy	78.3593, 0.3383, 0.3477
Android (android.graphics.Color)	4294304464 (0xFFF5E2D0)
YUV	229.6290, -10.6631, 13.4804
Hunter-Lab	88.5208, -1.1799, 14.5563

Details

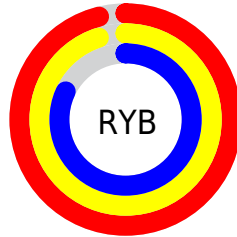
The XYZ color **76.2377, 78.3593, 70.7812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9625, 74.9389, 97.1640**, and the grayscale version is **75.0089, 78.9152, 85.9386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3819, 42.2777, 36.5512** is the 20% darker color. If you saturate the color by 10%, you get **70.1581, 70.6566, 55.0143**, and if you desaturate by 10%, it is **83.0382, 86.7570, 89.0874**.

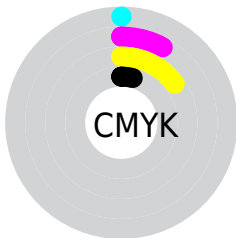
Distribution



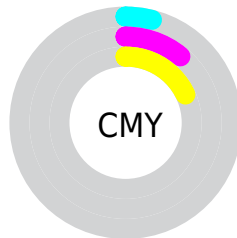
- Red (96%)
- Green (89%)
- Blue (82%)



- Red (96%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (4%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2377, 78.3593, 70.7812 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 76.2377, 78.3593, 70.7812 by changing the saturation by 10% instead.


 76.2377, 78.3593,
70.7812

 76.2377, 78.3593,
70.7812


471.0929,
489.3862, 482.1512

 56.9252, 58.3692,
51.6829


127.0414,
131.0565, 122.0137

 41.1851, 42.1055,
36.3719


159.2633,
164.5324, 154.9849

 28.6520, 29.1839,
24.4296

196.5191,
203.2723, 193.4176

 18.9607, 19.2200,
15.4375

239.1740,
247.6606, 237.7303

 11.7457, 11.8294,
8.9770

287.5935,
298.0818, 288.3414

 6.6417, 6.6276,
4.6295

342.1429,

 3.2834, 3.2303,

354.9202, 345.6696

1.9767

403.1876,
418.5602, 410.1334

■ 1.3053, 1.2531,
0.5409

■ 0.1872, 0.1045,
0.0000

■ 76.2377, 78.3593,
70.7812

■ 76.2377, 78.3593,
70.7812

■ 70.1581, 70.6566,
55.0143

■ 83.0382, 86.7570,
89.0874

■ 64.7663, 63.6194,
41.6678

■ 90.2542, 95.7281,
108.3282

■ 60.0361, 57.2308,
30.6205

■ 91.4664, 98.1526,
108.7323

■ 55.9365, 51.4694,
21.7387

■ 52.4340, 46.3123,
14.8747

■ 49.4913, 41.7346,
9.8622

■ 47.0655, 37.7088,
6.5074

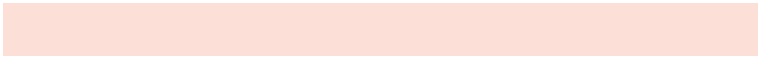
■ 45.1050, 34.2035,
4.5725

■ 44.2797, 32.6591,
3.9700

Harmonies

Analogous

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



78.7678, 78.3593, 74.8935



76.2377, 78.3593, 70.7812



73.2985, 78.3593, 70.4025

Triad

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



76.2377, 78.3593, 70.7812



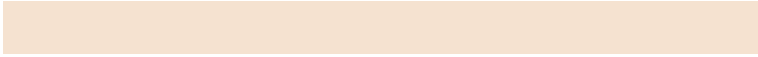
69.0689, 78.3593, 88.7615



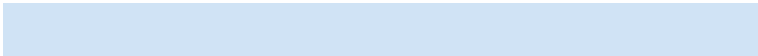
78.3430, 78.3593, 97.9534

Complementary

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



76.2377, 78.3593, 70.7812



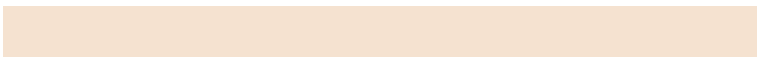
69.9625, 74.9389, 97.1640

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.



75.6704, 78.3593, 102.2085



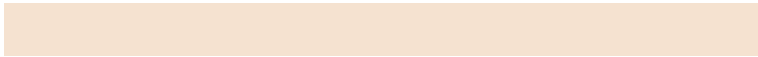
76.2377, 78.3593, 70.7812



70.3472, 78.3593, 96.6718

Square

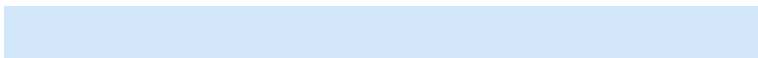
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2377, 78.3593, 70.7812



69.2117, 78.3593, 80.4170



72.7459, 78.3593, 101.7246



80.0052, 78.3593, 90.4183

Rectangle

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



76.2377, 78.3593, 70.7812



71.5074, 78.3593, 72.2836



72.7459, 78.3593, 101.7246



77.5301, 78.3593, 99.8364

Sweetspot

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



76.2398, 78.3628, 70.7829



91.0119, 95.1004, 97.7608



74.0941, 70.0777, 82.3795



19.3623, 20.2114, 20.6023



0.0000, 0.0000, 0.0000



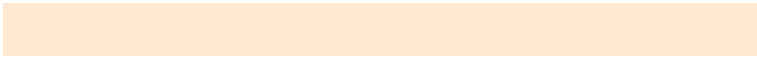
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2398, 78.3628, 70.7829



81.4591, 83.2645, 72.1648



81.5082, 88.8995, 72.5390



17.1648, 17.8137, 17.3313



23.9918, 17.8691, 2.1846



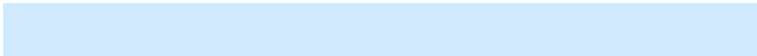
2.2111, 1.7755, 0.2262

Inverse Universe

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



69.9625, 74.9389, 97.1640



73.4167, 78.8778, 105.9632



65.2014, 65.4166, 95.5770



16.2847, 17.3337, 21.0300



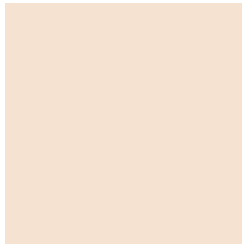
13.0223, 11.8383, 48.1367



1.2474, 1.2463, 4.2650

Previews

White Background



This preview shows how the XYZ color 76.2377, 78.3593, 70.7812 looks on a white background.

Color Contrast Check

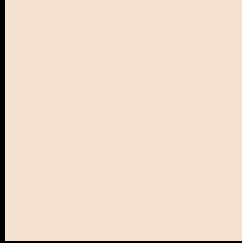
Large Text (above 18pt) WCAG AA × Fail

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 76.2377, 78.3593, 70.7812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

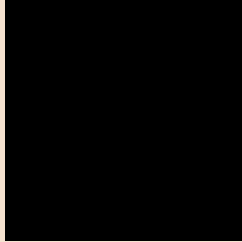
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2377, 78.3593, 70.7812

Background



This preview shows how black text looks on a background with the XYZ color 76.2377, 78.3593, 70.7812.

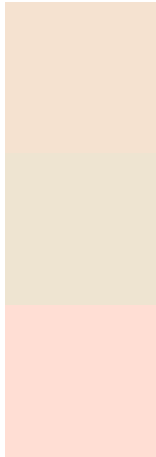


This preview shows how white text looks on a background with the XYZ color 76.2377, 78.3593,

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

76.2377, 78.3593, 70.7812

Protanopia

74.5119, 78.2674, 71.5015

Deuteranopia

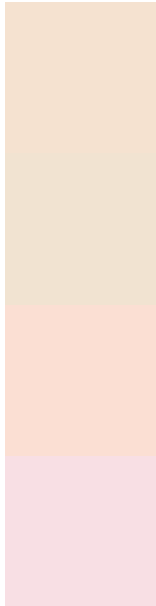
79.2449, 78.2560, 73.2156



Tritanopia

80.5034, 78.0846, 92.4902

Trichromacy



Original Color

76.2377, 78.3593, 70.7812

Protanomaly

75.2533, 78.2424, 71.4576

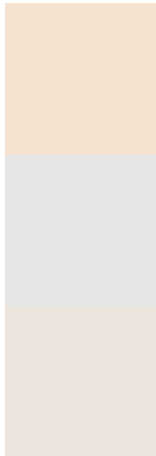
Deuteranomaly

77.9292, 77.9877, 72.5738

Tritanomaly

79.1027, 78.3332, 84.3495

Monochromacy



Original Color

76.2377, 78.3593, 70.7812

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4651, 78.9747, 80.3734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2377, 78.3593, 70.7812 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, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 208)  
}
```

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, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.2377, 78.3593, 70.7812 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, 226, 208) }
```


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

```
.border{ border-color:rgb(245, 226, 208) }
```

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

Here you see how a box with a 4 pixel rgb(245, 226, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2377, 78.3593, 70.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 208) }
```

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

```
.background{ background-color: rgb(245,  
226, 208) }
```

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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