

Converting Colors

XYZ(76.7190, 78.1179, 74.6531)

Have a look what the booklet for
XYZ(76.7190, 78.1179, 74.6531)
contains.

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Color

**XYZ(76.7190, 78.1179,
74.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E1D6
RGB	245, 225, 214
RGB Percent	96%, 88%, 84%
CMY	0.0392, 0.1176, 0.1608
CMYK	0.00, 0.08, 0.13, 0.04
HSL	21°, 61%, 90%
HSV	21°, 13%, 96%
XYZ	76.7190, 78.1179, 74.6531
YIQ	229.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

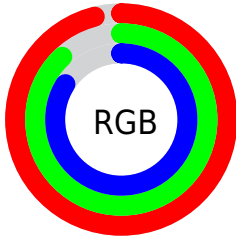
Format	Color
R _Y B	245, 231, 214
Decimal	16114134
CIE Lab	90.83, 5.05, 7.84
CIE LCh	91, 9.326, 57.203
Yxy	78.1179, 0.3343, 0.3404
Android (android.graphics.Color)	4294304214 (0xFFFF5E1D6)
YUV	229.7260, -7.7529, 13.3953
Hunter-Lab	88.3843, 0.2682, 11.7902

Details

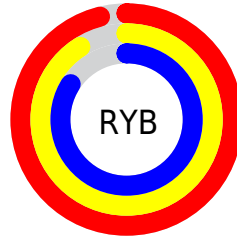
The XYZ color **76.7190, 78.1179, 74.6531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6356, 79.7329, 97.8960**, and the grayscale version is **75.0605, 78.9695, 85.9978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6190, 42.0715, 38.7279** is the 20% darker color. If you saturate the color by 10%, you get **69.7466, 68.8091, 58.0355**, and if you desaturate by 10%, it is **84.5618, 88.4128, 93.8845**.

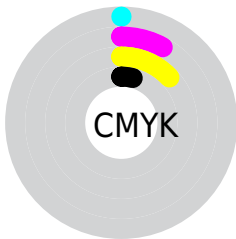
Distribution



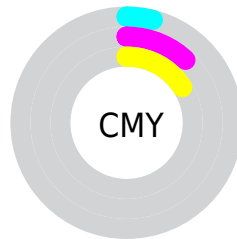
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7190, 78.1179, 74.6531 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 76.7190, 78.1179, 74.6531 by changing the saturation by 10% instead.


 76.7190, 78.1179,
74.6531

 76.7190, 78.1179,
74.6531


472.7121,
488.5671, 495.9480

 57.3214, 58.1708,
54.8287


127.7177,
130.7163, 127.5638

 41.5045, 41.9460,
38.8669


160.0495,
164.1364, 161.4871

 28.9029, 29.0590,
26.3492


197.4234,
202.8164, 200.9473

 19.1513, 19.1255,
16.8570

240.2048,
247.1405, 246.3627

 11.8843, 11.7610,
9.9717

288.7590,
297.4933, 298.1519

 6.7366, 6.5811,
5.2748

343.4514,

 3.3428, 3.2016,

354.2591, 356.7335

2.3479

404.6473,
417.8222, 422.5260

■ 1.3375, 1.2378,
0.7578

■ 0.2110, 0.0923,
0.0000

■ 76.7190, 78.1179,
74.6531

■ 76.7190, 78.1179,
74.6531

■ 69.7466, 68.8091,
58.0355

■ 84.5618, 88.4128,
93.8845

■ 63.6067, 60.4462,
43.9129

■ 91.4665, 98.1527,
108.7323

■ 58.2675, 53.0014,
32.1645

■ 53.6930, 46.4416,
22.6576

■ 49.8440, 40.7315,
15.2462

■ 46.6773, 35.8331,
9.7667

■ 44.1442, 31.7050,
6.0308

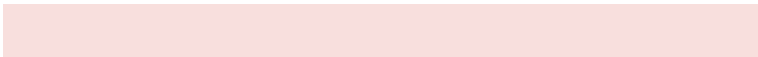
■ 42.1880, 28.3009,
3.8114

■ 41.0623, 26.2242,
2.8976

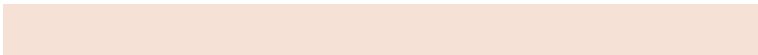
Harmonies

Analogous

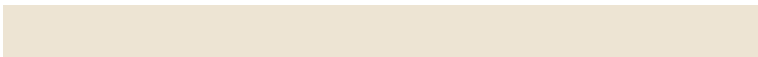
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3334, 78.1179, 79.2869



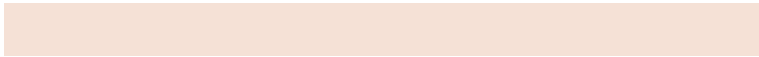
76.7190, 78.1179, 74.6531



74.4690, 78.1179, 72.7951

Triad

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



76.7190, 78.1179, 74.6531



69.8337, 78.1179, 84.4283



76.3300, 78.1179, 97.0722

Complementary

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



76.7190, 78.1179, 74.6531



73.6356, 79.7329, 97.8960

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.



74.0288, 78.1179, 98.6242



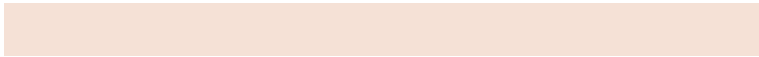
76.7190, 78.1179, 74.6531



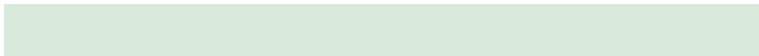
70.3086, 78.1179, 91.1007

Square

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



76.7190, 78.1179, 74.6531



70.5210, 78.1179, 78.2496



71.8320, 78.1179, 96.3855



78.1055, 78.1179, 92.2484

Rectangle

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



76.7190, 78.1179, 74.6531



72.9225, 78.1179, 73.3034



71.8320, 78.1179, 96.3855



75.5909, 78.1179, 98.0045

Sweetspot

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



76.7211, 78.1214, 74.6548



91.3878, 95.2342, 99.7916



76.5766, 73.4559, 88.0983



19.4171, 20.1964, 21.0043



0.0000, 0.0000, 0.0000



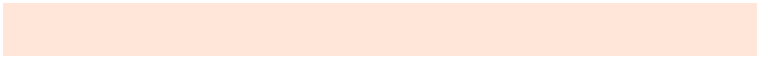
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7211, 78.1214, 74.6548



82.1201, 83.0331, 77.1741



81.0579, 86.7949, 76.1004



16.9804, 17.4450, 17.2698



22.2390, 14.3636, 1.6003



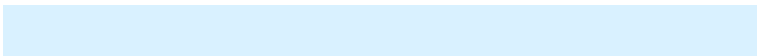
2.0478, 1.4489, 0.1717

Inverse Universe

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



73.6356, 79.7329, 97.8960



78.1714, 85.0942, 106.9125



69.4544, 71.3705, 96.5023



16.4729, 17.7102, 21.0928



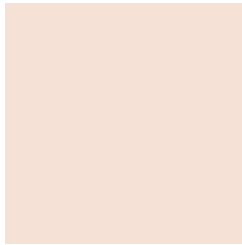
15.6039, 17.0015, 48.9972



1.4681, 1.6876, 4.3386

Previews

White Background



This preview shows how the XYZ color 76.7190, 78.1179, 74.6531 looks on a white background.

Color Contrast Check

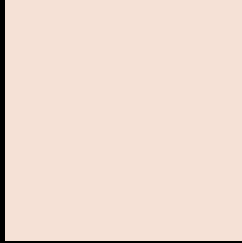
Large Text (above 18pt) WCAG AA × Fail

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 76.7190, 78.1179, 74.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

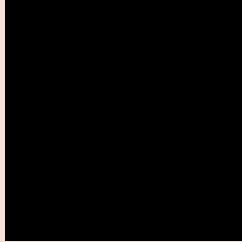
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7190, 78.1179, 74.6531

Background



This preview shows how black text looks on a background with the XYZ color 76.7190, 78.1179, 74.6531.



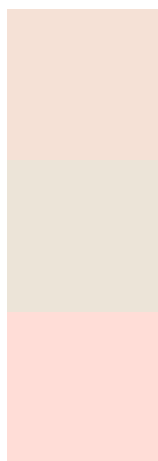
This preview shows how white text looks on a background with the XYZ color 76.7190, 78.1179,

74.6531.

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

76.7190, 78.1179, 74.6531

Protanopia

74.7301, 78.2775, 76.1361

Deuteranopia

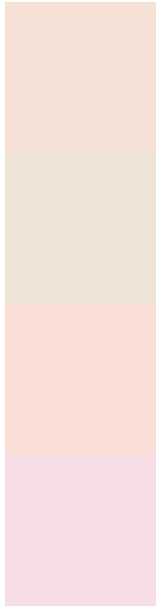
79.3622, 77.8792, 75.1393



Tritanopia

80.1478, 77.9014, 92.4736

Trichromacy



Original Color

76.7190, 78.1179, 74.6531

Protanomaly

75.3314, 78.1952, 75.4128

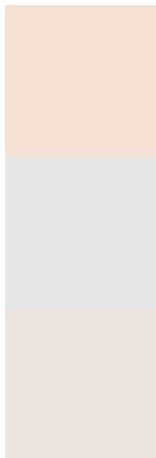
Deuteranomaly

78.1707, 77.6581, 75.1594

Tritanomaly

78.7620, 77.7299, 85.7151

Monochromacy



Original Color

76.7190, 78.1179, 74.6531

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4589, 78.5308, 81.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7190, 78.1179, 74.6531 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, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 214)  
}
```

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, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.7190, 78.1179, 74.6531 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, 225, 214) }
```


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

```
.border{ border-color:rgb(245, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7190, 78.1179, 74.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 214) }
```

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

```
.background{ background-color: rgb(245,  
225, 214) }
```

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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