

Converting Colors

XYZ(76.6073, 78.1815, 72.3148)

Have a look what the booklet for
XYZ(76.6073, 78.1815, 72.3148)
contains.

XYZ(76.5641, 78.0964, 72.0115)	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(76.5641, 78.0964,
72.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E1D2
RGB	246, 225, 210
RGB Percent	96%, 88%, 82%
CMY	0.0353, 0.1176, 0.1765
CMYK	0.00, 0.09, 0.15, 0.04
HSL	25°, 67%, 89%
HSV	25°, 15%, 96%
XYZ	76.5641, 78.0964, 72.0115
YIQ	229.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

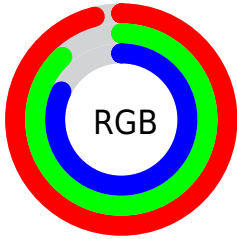
Format	Color
R_{YB}	246, 236, 210
Decimal	16179666
CIE Lab	90.82, 4.78, 9.93
CIE LCh	91, 11.018, 64.289
Yxy	78.0964, 0.3378, 0.3445
Android (android.graphics.Color)	4294369746 (0xFFFF6E1D2)
YUV	229.5690, -9.6475, 14.4100
Hunter-Lab	88.3722, -0.0020, 13.5471

Details

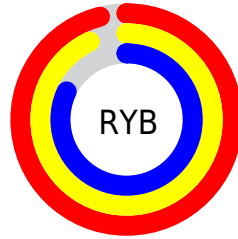
The XYZ color **76.5641, 78.0964, 72.0115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7884, 77.5056, 98.3659**, and the grayscale version is **74.9572, 78.8608, 85.8794**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3617, 41.9686, 37.3732** is the 20% darker color. If you saturate the color by 10%, you get **70.0154, 69.5321, 55.8523**, and if you desaturate by 10%, it is **83.9141, 87.5080, 90.7639**.

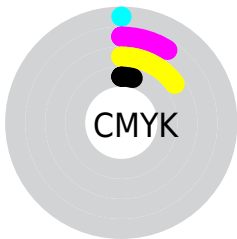
Distribution



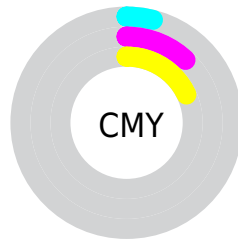
- Red (96%)
- Green (88%)
- Blue (82%)



- Red (96%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5641, 78.0964, 72.0115 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 76.5641, 78.0964, 72.0115 by changing the saturation by 10% instead.

 76.5641, 78.0964,
72.0115

 76.5641, 78.0964,
72.0115


472.1913,
488.4941, 486.5602

 57.1939, 58.1532,
52.6812


127.5001,
130.6860, 123.7808

 41.4017, 41.9318,
37.1623


159.7966,
164.1012, 157.0568

 28.8221, 29.0479,
25.0364


197.1325,
202.7758, 195.8184

 19.0899, 19.1171,
15.8849

239.8732,
247.0942, 240.4843

 11.8396, 11.7549,
9.2893

288.3841,
297.4409, 291.4728

 6.7060, 6.5770,
4.8310

343.0305,

 3.3236, 3.1990,

354.2002, 349.2026

2.0914

404.1778,
417.7564, 414.0923

■ 1.3271, 1.2365,
0.6107

■ 0.2034, 0.0912,
0.0000

■ 76.5641, 78.0964,
72.0115

■ 76.5641, 78.0964,
72.0115

■ 70.0154, 69.5321,
55.8523

■ 83.9141, 87.5080,
90.7639

■ 64.2323, 61.7801,
42.1658

■ 91.4029, 97.5061,
108.6109

■ 59.1855, 54.8180,
30.8292

■ 91.8163, 98.3330,
108.7487

■ 54.8411, 48.6186,
21.7070

■ 51.1624, 43.1526,
14.6498

■ 48.1086, 38.3887,
9.4895

■ 45.6333, 34.2922,
6.0309

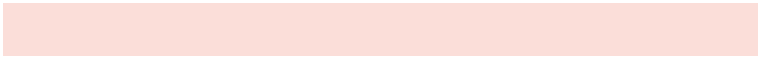
■ 43.6812, 30.8244,
4.0350

■ 42.8102, 29.2007,
3.3800

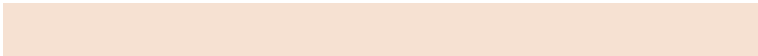
Harmonies

Analogous

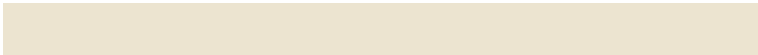
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7185, 78.0964, 76.7227



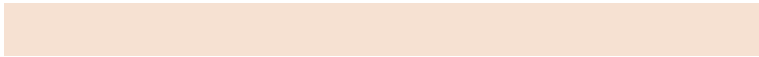
76.5641, 78.0964, 72.0115



73.8305, 78.0964, 70.7053

Triad

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



76.5641, 78.0964, 72.0115



69.0403, 78.0964, 86.1802



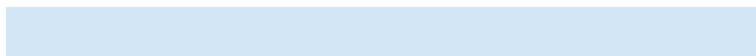
77.2710, 78.0964, 98.2758

Complementary

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



76.5641, 78.0964, 72.0115



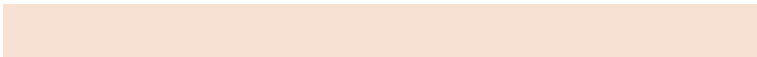
71.7884, 77.5056, 98.3659

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.



74.6275, 78.0964, 101.1778



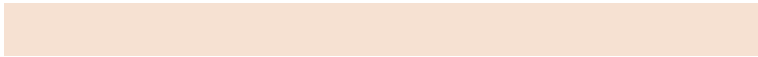
76.5641, 78.0964, 72.0115



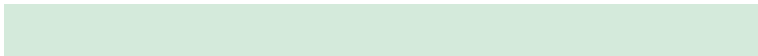
69.9122, 78.0964, 93.9243

Square

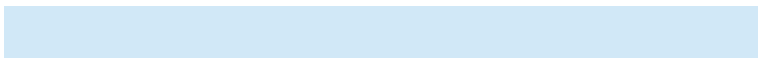
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5641, 78.0964, 72.0115



69.5299, 78.0964, 78.5834



71.9405, 78.0964, 99.5382



79.1337, 78.0964, 91.8276

Rectangle

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



76.5641, 78.0964, 72.0115



72.0579, 78.0964, 71.8684



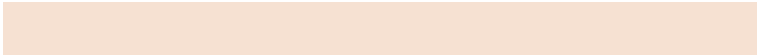
71.9405, 78.0964, 99.5382



76.4418, 78.0964, 99.7160

Sweetspot

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



76.5662, 78.0999, 72.0132



91.5825, 95.6235, 99.8565



75.4773, 71.4566, 85.4166



19.4663, 20.2948, 21.0207



0.0000, 0.0000, 0.0000



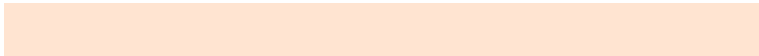
20.3446, 21.4041, 23.3091

Same Dimension

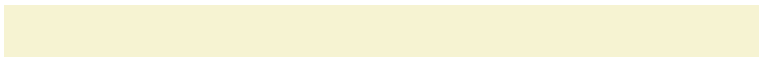
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5662, 78.0999, 72.0132



80.5680, 81.4824, 71.8678



81.6903, 88.3479, 73.7212



17.0666, 17.6173, 17.2985



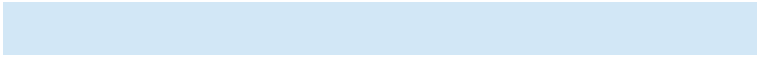
22.9813, 15.8481, 1.8477



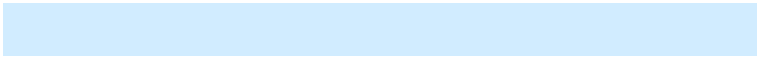
2.1188, 1.5909, 0.1954

Inverse Universe

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



71.7884, 77.5056, 98.3659



74.3306, 80.7054, 106.2678



67.0081, 67.9451, 96.7725



16.3841, 17.5326, 21.0632



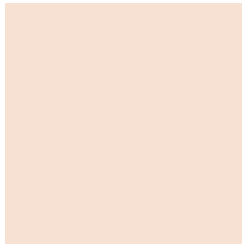
14.3011, 14.3959, 48.5630



1.3583, 1.4680, 4.3020

Previews

White Background



This preview shows how the XYZ color 76.5641, 78.0964, 72.0115 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 76.5641, 78.0964, 72.0115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

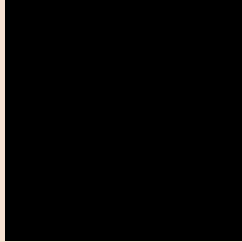
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5641, 78.0964, 72.0115

Background



This preview shows how black text looks on a background with the XYZ color 76.5641, 78.0964, 72.0115.

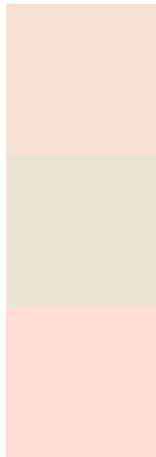


This preview shows how white text looks on a background with the XYZ color 76.5641, 78.0964,

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

76.5641, 78.0964, 72.0115

Protanopia

74.5521, 78.2448, 73.4608

Deuteranopia

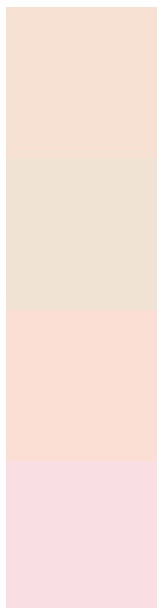
79.3715, 78.3066, 73.8822



Tritanopia

80.7134, 78.2099, 91.7309

Trichromacy



Original Color

76.5641, 78.0964, 72.0115

Protanomaly

75.1621, 78.1666, 72.7542

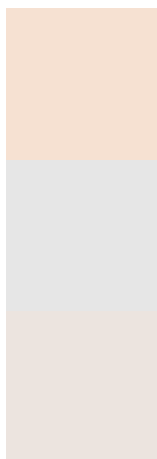
Deuteranomaly

78.4162, 78.2243, 73.2532

Tritanomaly

79.1918, 77.9837, 84.2773

Monochromacy



Original Color

76.5641, 78.0964, 72.0115

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6548, 78.6474, 81.0051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5641, 78.0964, 72.0115 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(246, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 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(246, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 210) }
```

Border

The CSS property to change the border of an element to XYZ 76.5641, 78.0964, 72.0115 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(246, 225, 210) }
```


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

```
.border{ border-color:rgb(246, 225, 210) }
```

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

Here you see how a box with a 4 pixel rgb(246, 225, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5641, 78.0964, 72.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 210) }
```

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

```
.background{ background-color: rgb(246,  
225, 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](#).

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