

Converting Colors

XYZ(77.8591, 79.9315, 72.4593)

Have a look what the booklet for
XYZ(77.8591, 79.9315, 72.4593)
contains.

XYZ(77.7340, 79.9141, 72.3007)	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(77.7340, 79.9141,
72.3007)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E4D2
RGB	247, 228, 210
RGB Percent	97%, 89%, 82%
CMY	0.0314, 0.1059, 0.1765
CMYK	0.00, 0.08, 0.15, 0.03
HSL	29°, 70%, 90%
HSV	29°, 15%, 97%
XYZ	77.7340, 79.9141, 72.3007
YIQ	231.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

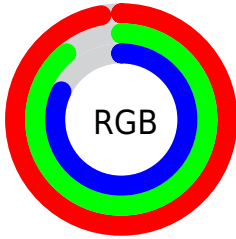
Format	Color
R_{YB}	247, 245, 210
Decimal	16245970
CIE Lab	91.65, 3.59, 11.11
CIE LCh	92, 11.679, 72.084
Yxy	79.9141, 0.3380, 0.3475
Android (android.graphics.Color)	4294436050 (0xFFF7E4D2)
YUV	231.6290, -10.6631, 13.4804
Hunter-Lab	89.3947, -1.2243, 14.6237

Details

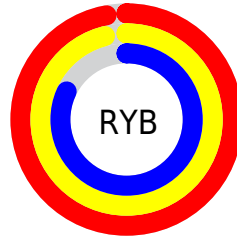
The XYZ color **77.7340, 79.9141, 72.3007** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.3858, 76.4540, 98.9909**, and the grayscale version is **76.4944, 80.4781, 87.6407**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1795, 43.2346, 37.5745** is the 20% darker color. If you saturate the color by 10%, you get **71.5303, 72.0566, 56.2043**, and if you desaturate by 10%, it is **84.6730, 88.4805, 90.9872**.

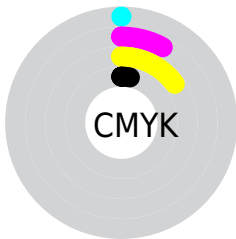
Distribution



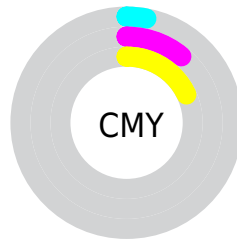
- Red (97%)
- Green (89%)
- Blue (82%)



- Red (97%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7340, 79.9141, 72.3007 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 77.7340, 79.9141, 72.3007 by changing the saturation by 10% instead.


 77.7340, 79.9141,
72.3007

 77.7340, 79.9141,
72.3007


476.1166,
494.6433, 487.5932

 58.1575, 59.6477,
52.9160


129.1424,
133.2450, 124.1956

 42.1790, 43.1347,
37.3485


161.7051,
167.0782, 157.5430

 29.4332, 29.9908,
25.1795

199.3272,
206.2024, 196.3816

 19.5547, 19.8316,
15.9906

242.3741,
251.0021, 241.1301

 12.1782, 12.2727,
9.3632

291.2111,
301.8617, 292.2070

 6.9382, 6.9297,
4.8788

346.2036,

 3.4695, 3.4182,

359.1655, 350.0307

2.1188

407.7170,
423.2979, 415.0200

■ 1.4066, 1.3537,
0.6269

■ 0.2609, 0.1823,
0.0000

■ 77.7340, 79.9141,
72.3007

■ 77.7340, 79.9141,
72.3007

■ 71.5303, 72.0566,
56.2043

■ 84.6730, 88.4805,
90.9872

■ 66.0281, 64.8778,
42.5769

■ 91.6494, 97.4770,
108.5922

■ 61.2007, 58.3605,
31.2949

■ 92.1680, 98.5143,
108.7651

■ 57.0166, 52.4829,
22.2222

■ 53.4417, 47.2216,
15.2084

■ 50.4377, 42.5512,
10.0837

■ 47.9612, 38.4438,
6.6512

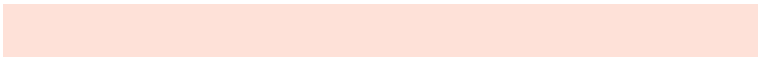
■ 45.9597, 34.8675,
4.6686

■ 45.0979, 33.2541,
4.0418

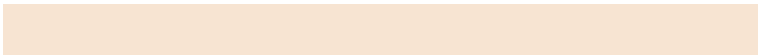
Harmonies

Analogous

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



80.2926, 79.9141, 76.4618



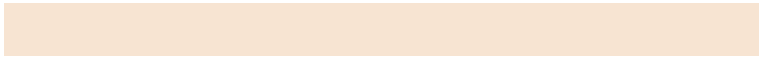
77.7340, 79.9141, 72.3007



74.7616, 79.9141, 71.9191

Triad

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



77.7340, 79.9141, 72.3007



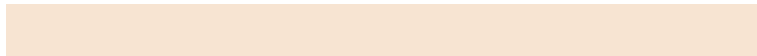
70.4845, 79.9141, 90.4970



79.8651, 79.9141, 99.7817

Complementary

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



77.7340, 79.9141, 72.3007



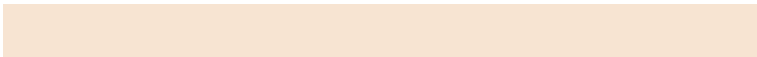
71.3858, 76.4540, 98.9909

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.



77.1630, 79.9141, 104.0833



77.7340, 79.9141, 72.3007



71.7784, 79.9141, 98.4925

Square

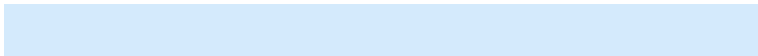
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7340, 79.9141, 72.3007



70.6283, 79.9141, 82.0571



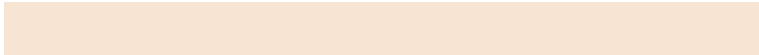
74.2052, 79.9141, 103.5966



81.5450, 79.9141, 92.1643

Rectangle

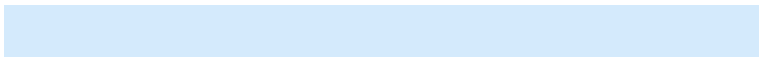
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7340, 79.9141, 72.3007



72.9501, 79.9141, 73.8246



74.2052, 79.9141, 103.5966



79.0433, 79.9141, 101.6851

Sweetspot

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



77.7362, 79.9177, 72.3024



91.8031, 96.0647, 99.9300



75.5644, 71.5321, 84.0395



19.5221, 20.4064, 21.0393



0.0000, 0.0000, 0.0000



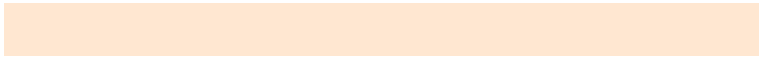
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7362, 79.9177, 72.3024



81.4590, 83.2644, 72.1648



83.0638, 90.5730, 74.0783



17.1648, 17.8137, 17.3313



23.9918, 17.8691, 2.1846



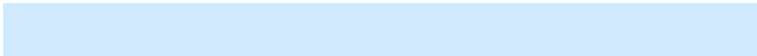
2.2111, 1.7755, 0.2262

Inverse Universe

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



71.3858, 76.4540, 98.9909



73.4168, 78.8778, 105.9632



66.5670, 66.8165, 97.3847



16.2847, 17.3337, 21.0300



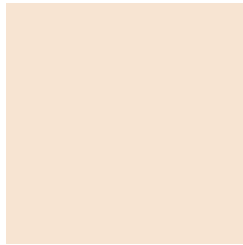
13.0223, 11.8384, 48.1367



1.2474, 1.2463, 4.2650

Previews

White Background



This preview shows how the XYZ color 77.7340, 79.9141, 72.3007 looks on a white background.

Color Contrast Check

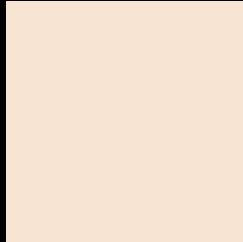
Large Text (above 18pt) WCAG AA × Fail

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 77.7340, 79.9141, 72.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

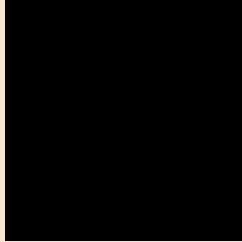
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7340, 79.9141, 72.3007

Background



This preview shows how black text looks on a background with the XYZ color 77.7340, 79.9141, 72.3007.

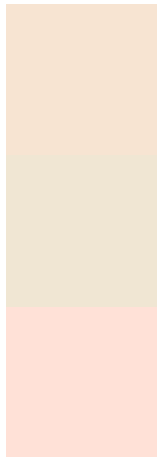


This preview shows how white text looks on a background with the XYZ color 77.7340, 79.9141,

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

77.7340, 79.9141, 72.3007

Protanopia

75.9899, 79.8220, 73.0301

Deuteranopia

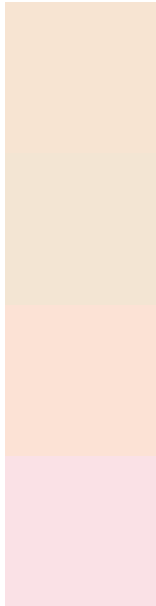
80.4310, 80.0167, 75.4956



Tritanopia

82.0485, 79.6355, 94.2658

Trichromacy



Original Color

77.7340, 79.9141, 72.3007

Protanomaly

76.7393, 79.7965, 72.9857

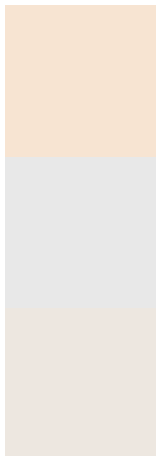
Deuteranomaly

79.3515, 79.8923, 74.1893

Tritanomaly

80.6325, 79.8876, 86.0330

Monochromacy



Original Color

77.7340, 79.9141, 72.3007

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.9555, 80.5382, 82.0104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7340, 79.9141, 72.3007 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(247, 228, 210) looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 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(247, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 210) }
```

Border

The CSS property to change the border of an element to XYZ 77.7340, 79.9141, 72.3007 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(247, 228, 210) }
```


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

```
.border{ border-color:rgb(247, 228, 210) }
```

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

Here you see how a box with a 4 pixel rgb(247, 228, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7340, 79.9141, 72.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 210) }
```

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

```
.background{ background-color: rgb(247,  
228, 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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