

Converting Colors

XYZ(77.5970, 79.5990, 72.2639)

Have a look what the booklet for
XYZ(77.5970, 79.5990, 72.2639)
contains.

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Color

**XYZ(77.4597, 79.3655,
72.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E3D2
RGB	247, 227, 210
RGB Percent	97%, 89%, 82%
CMY	0.0314, 0.1098, 0.1765
CMYK	0.00, 0.08, 0.15, 0.03
HSL	28°, 70%, 90%
HSV	28°, 15%, 97%
XYZ	77.4597, 79.3655, 72.2093
YIQ	231.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

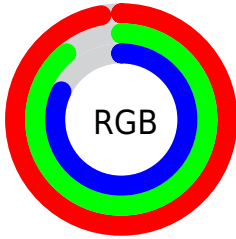
Format	Color
R _Y B	247, 241, 210
Decimal	16245714
CIE Lab	91.40, 4.11, 10.76
CIE LCh	91, 11.517, 69.113
Yxy	79.3655, 0.3382, 0.3465
Android (android.graphics.Color)	4294435794 (0xFFFF7E3D2)
YUV	231.0420, -10.3737, 13.9952
Hunter-Lab	89.0873, -0.7005, 14.3039

Details

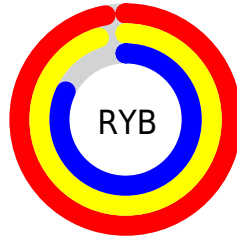
The XYZ color **77.4597, 79.3655, 72.2093** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.6633, 77.0089, 99.0834**, and the grayscale version is **76.0545, 80.0152, 87.1366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9885, 42.8525, 37.5108** is the 20% darker color. If you saturate the color by 10%, you get **71.1070, 71.2100, 56.0633**, and if you desaturate by 10%, it is **84.5749, 88.2842, 90.9546**.

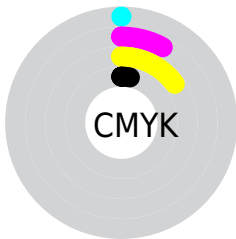
Distribution



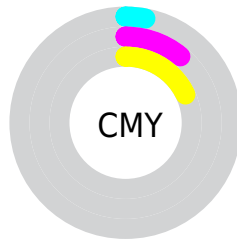
- Red (97%)
- Green (89%)
- Blue (82%)



- Red (97%)
- Yellow (95%)
- 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 77.4597, 79.3655, 72.2093 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 77.4597, 79.3655, 72.2093 by changing the saturation by 10% instead.

77.4597, 79.3655,
72.2093

77.4597, 79.3655,
72.2093

475.1979,
492.7919, 487.2669

57.9315, 59.1964,
52.8418

128.7576,
132.4733, 124.0645

41.9966, 42.7712,
37.2896

161.2580,
166.1807, 157.3894

29.2897, 29.7056,
25.1343

198.8131,
205.1697, 196.2037

19.4455, 19.6153,
15.9572

241.7884,
249.8247, 240.9260

12.0985, 12.1157,
9.3398

290.5492,
300.5300, 291.9750

6.8835, 6.8225,
4.8637

345.4608,

3.4350, 3.3514,

357.6700, 349.7691

2.1102

406.8886,
421.6292, 414.7269

■ 1.3878, 1.3178,
0.6218

■ 0.2475, 0.1549,
0.0000

■ 77.4597, 79.3655,
72.2093

■ 77.4597, 79.3655,
72.2093

■ 71.1070, 71.2100,
56.0633

■ 84.5749, 88.2842,
90.9546

■ 65.4821, 63.7857,
42.3949

■ 91.7555, 97.6892,
108.6276

■ 60.5571, 57.0734,
31.0804

■ 92.1680, 98.5143,
108.7651

■ 56.2999, 51.0494,
21.9833

■ 52.6749, 45.6880,
14.9528

■ 49.6429, 40.9616,
9.8188

■ 47.1592, 36.8398,
6.3838

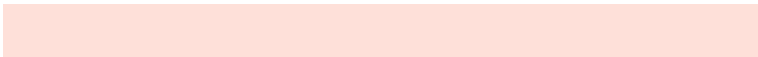
■ 45.1699, 33.2879,
4.4053

■ 44.3212, 31.7007,
3.7829

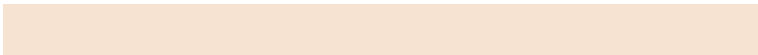
Harmonies

Analogous

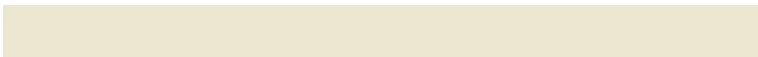
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8879, 79.3655, 76.6374



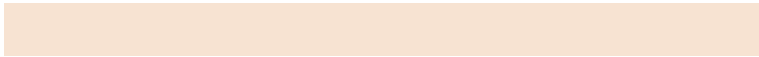
77.4597, 79.3655, 72.2093



74.5463, 79.3655, 71.4524

Triad

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



77.4597, 79.3655, 72.2093



70.0109, 79.3655, 88.9945



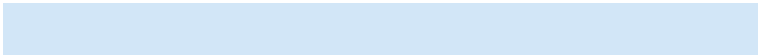
79.0423, 79.3655, 99.5400

Complementary

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



77.4597, 79.3655, 72.2093



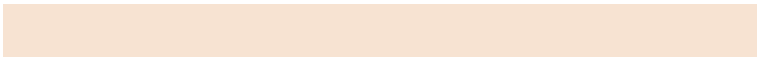
71.6633, 77.0089, 99.0834

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.



76.3297, 79.3655, 103.3341



77.4597, 79.3655, 72.2093



71.1498, 79.3655, 96.9919

Square

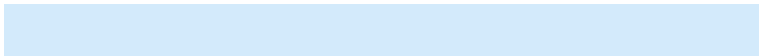
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4597, 79.3655, 72.2093



70.2957, 79.3655, 80.7933



73.4450, 79.3655, 102.3726



80.8179, 79.3655, 92.2928

Rectangle

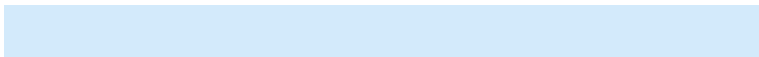
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4597, 79.3655, 72.2093



72.7283, 79.3655, 73.0799



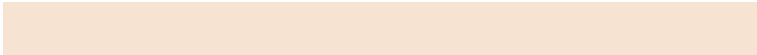
73.4450, 79.3655, 102.3726



78.2070, 79.3655, 101.2821

Sweetspot

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



77.4619, 79.3690, 72.2110



91.7176, 95.8937, 99.9015



75.7374, 71.6013, 84.9504



19.5005, 20.3631, 21.0321



0.0000, 0.0000, 0.0000



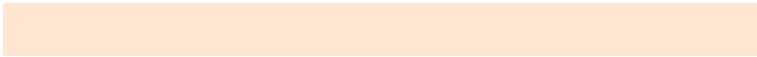
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4619, 79.3690, 72.2110



81.1122, 82.5707, 72.0492



82.6891, 89.8236, 73.9534



17.1267, 17.7375, 17.3186



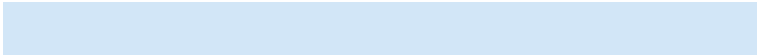
23.5783, 17.0423, 2.0468



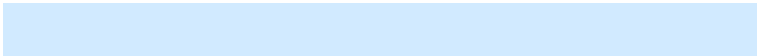
2.1739, 1.7009, 0.2137

Inverse Universe

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



71.6633, 77.0089, 99.0834



73.7685, 79.5814, 106.0805



66.8739, 67.4302, 97.4870



16.3231, 17.4105, 21.0428



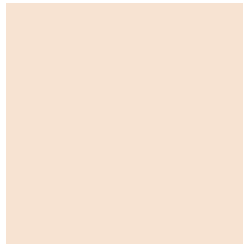
13.4936, 12.7809, 48.2938



1.2887, 1.3288, 4.2788

Previews

White Background



This preview shows how the XYZ color 77.4597, 79.3655, 72.2093 looks on a white background.

Color Contrast Check

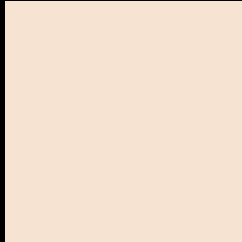
Large Text (above 18pt) WCAG AA × Fail

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 77.4597, 79.3655, 72.2093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

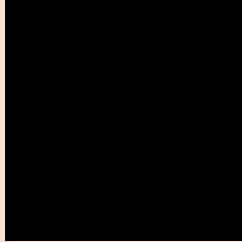
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4597, 79.3655, 72.2093

Background



This preview shows how black text looks on a background with the XYZ color 77.4597, 79.3655, 72.2093.

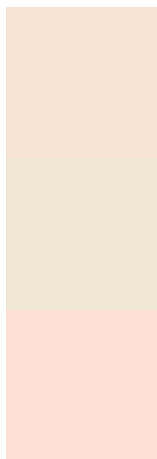


This preview shows how white text looks on a background with the XYZ color 77.4597, 79.3655,

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

77.4597, 79.3655, 72.2093

Protanopia

75.6513, 79.6475, 73.0143

Deuteranopia

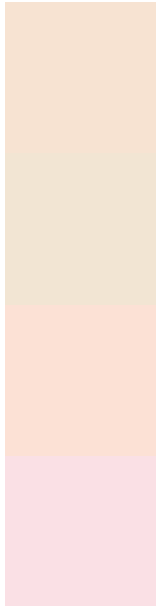
80.1614, 79.4776, 75.4057



Tritanopia

81.8995, 79.5759, 93.4812

Trichromacy



Original Color

77.4597, 79.3655, 72.2093

Protanomaly

76.3951, 79.6190, 72.9696

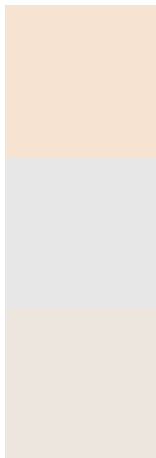
Deuteranomaly

79.0803, 79.3500, 74.0989

Tritanomaly

80.2229, 79.2924, 85.2055

Monochromacy



Original Color

77.4597, 79.3655, 72.2093

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5411, 79.9259, 81.2051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4597, 79.3655, 72.2093 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, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 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, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 77.4597, 79.3655, 72.2093 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, 227, 210) }
```


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

```
.border{ border-color:rgb(247, 227, 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, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4597, 79.3655, 72.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 210) }
```

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

```
.background{ background-color: rgb(247,  
227, 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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