

Converting Colors

XYZ(72.0697, 76.5000, 62.2819)

Have a look what the booklet for
XYZ(72.0697, 76.5000, 62.2819)
contains.

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Color

**XYZ(71.8590, 76.2923,
61.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE2C2
RGB	237, 226, 194
RGB Percent	93%, 89%, 76%
CMY	0.0706, 0.1137, 0.2392
CMYK	0.00, 0.05, 0.18, 0.07
HSL	45°, 54%, 85%
HSV	45°, 18%, 93%
XYZ	71.8590, 76.2923, 61.9774
YIQ	225.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

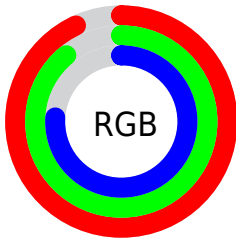
Format	Color
RYB	209, 237, 194
Decimal	15590082
CIELab	89.99, -1.38, 17.00
CIELCh	90, 17.055, 94.637
Yxy	76.2923, 0.3420, 0.3631
Android (android.graphics.Color)	4293780162 (0xFFEDEC2C)
YUV	225.6410, -15.5990, 9.9618
Hunter-Lab	87.3455, -6.0028, 19.0716

Details

The XYZ color **71.8590, 76.2923, 61.9774** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.3652, 61.2449, 88.8138**, and the grayscale version is **72.1317, 75.8882, 82.6423**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.3526, 40.8430, 30.6730** is the 20% darker color. If you saturate the color by 10%, you get **67.7885, 72.0764, 48.5193**, and if you desaturate by 10%, it is **76.4163, 80.8014, 77.6939**.

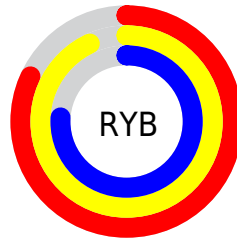
Distribution



Red (93%)

Green (89%)

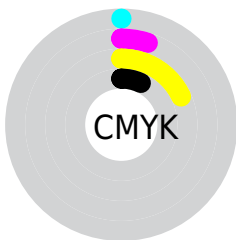
Blue (76%)



Red (82%)

Yellow (93%)

Blue (76%)

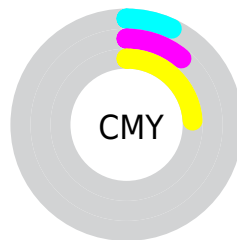


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8590, 76.2923, 61.9774 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 71.8590, 76.2923, 61.9774 by changing the saturation by 10% instead.

71.8590, 76.2923,
61.9774

71.8590, 76.2923,
61.9774

456.2159,
482.3477, 449.8540

53.3286, 56.6722,
44.5788

120.8679,
128.1400, 109.2641

38.2936, 40.7421,
30.7852

152.0771,
161.1364, 139.9893

26.3889, 28.1177,
20.1783

188.2433,
199.3604, 175.9938

17.2490, 18.4144,
12.3393

229.7318,
243.1964, 217.6961

10.5086, 11.2479,
6.8499

276.9079,
293.0287, 265.5147

5.8023, 6.2338,
3.2914

330.1371,

2.7648, 2.9878,

349.2417, 319.8682

1.2453

389.7846,
412.2200, 381.1751

■ 1.0306, 1.1254,
0.0163

■ 0.0000, 0.0000,
0.0000

■ 71.8590, 76.2923,
61.9774

■ 71.8590, 76.2923,
61.9774

■ 67.7885, 72.0764,
48.5193

■ 76.4163, 80.8014,
77.6939

■ 64.1782, 68.1341,
37.2088

■ 81.4738, 85.6020,
95.7629

■ 61.0077, 64.4591,
27.9330

■ 85.3819, 90.0380,
107.4867

■ 58.2527, 61.0406,
20.5667

■ 87.2374, 93.7489,
108.1052

■ 55.8861, 57.8668,
14.9708

■ 88.7353, 96.7446,
108.6045

■ 53.8775, 54.9244,
10.9872

■ 52.1906, 52.1981,
8.4295

■ 50.7756, 49.6667,
7.0368

■ 50.5292, 49.2125,
6.8358

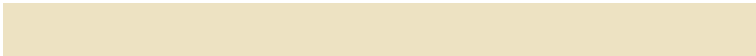
Harmonies

Analogous

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



76.0480, 76.2923, 63.7760



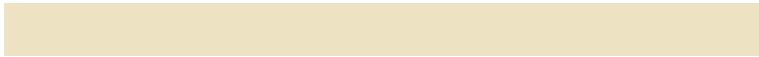
71.8590, 76.2923, 61.9774



67.9951, 76.2923, 65.3655

Triad

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



71.8590, 76.2923, 61.9774



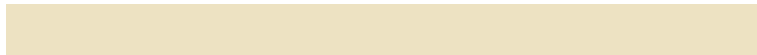
66.0351, 76.2923, 97.0020



80.1020, 76.2923, 93.4353

Complementary

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



71.8590, 76.2923, 61.9774



59.3652, 61.2449, 88.8138

Split Complementary

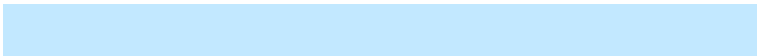
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2279, 76.2923, 103.7119



71.8590, 76.2923, 61.9774



69.0903, 76.2923, 105.9073

Square

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



71.8590, 76.2923, 61.9774



64.7167, 76.2923, 84.9638



73.1720, 76.2923, 108.4740



80.9127, 76.2923, 81.2033

Rectangle

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



71.8590, 76.2923, 61.9774



66.0905, 76.2923, 70.3229



73.1720, 76.2923, 108.4740



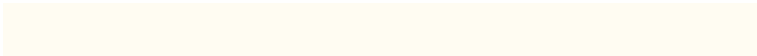
79.3398, 76.2923, 97.2699

Sweetspot

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



71.8610, 76.2957, 61.9790



92.0334, 97.1434, 98.1013



65.2935, 61.0194, 66.3909



19.6108, 20.7083, 20.6851



0.0000, 0.0000, 0.0000



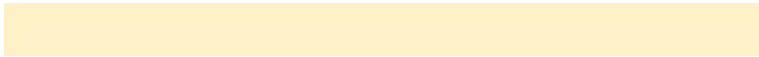
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8610, 76.2957, 61.9790



82.8906, 88.0857, 66.6054



71.6905, 80.7895, 62.8554



16.0070, 16.9370, 15.9442



27.6978, 27.0898, 3.7690



2.2513, 2.2799, 0.3214

Inverse Universe

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



59.3652, 61.2449, 88.8138



65.4325, 67.0601, 104.1030



59.4897, 57.5411, 88.0923



14.5442, 15.1749, 19.0847



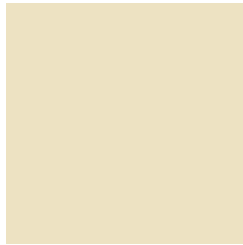
9.3341, 5.3153, 44.2770



0.8083, 0.5680, 3.5019

Previews

White Background



This preview shows how the XYZ color 71.8590, 76.2923, 61.9774 looks on a white background.

Color Contrast Check

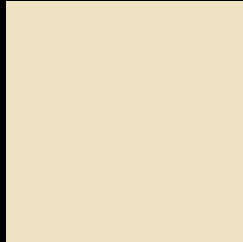
Large Text (above 18pt) WCAG AA × Fail

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 71.8590, 76.2923, 61.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

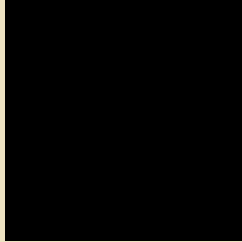
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

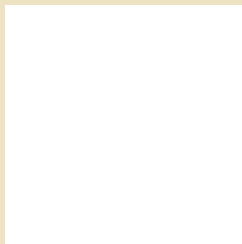
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8590, 76.2923, 61.9774

Background



This preview shows how black text looks on a background with the XYZ color 71.8590, 76.2923, 61.9774.



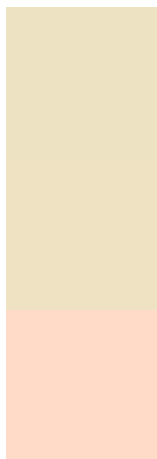
This preview shows how white text looks on a background with the XYZ color 71.8590, 76.2923,

61.9774.

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

71.8590, 76.2923, 61.9774

Protanopia

72.1939, 76.4649, 61.9931

Deuteranopia

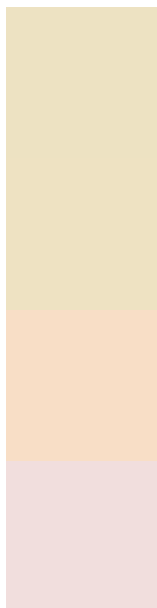
76.9968, 76.0932, 65.2729



Tritanopia

77.8414, 76.3555, 90.7562

Trichromacy



Original Color

71.8590, 76.2923, 61.9774

Protanomaly

72.1939, 76.4649, 61.9931

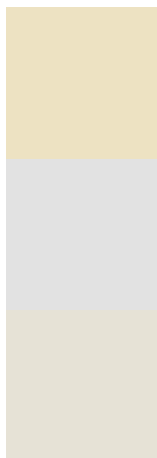
Deuteranomaly

75.0257, 76.2762, 64.1946

Tritanomaly

75.4480, 76.1638, 79.1312

Monochromacy



Original Color

71.8590, 76.2923, 61.9774

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.9671, 76.0707, 74.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8590, 76.2923, 61.9774 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(237, 226, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 194)  
}
```

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(237, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 194) }
```

Border

The CSS property to change the border of an element to XYZ 71.8590, 76.2923, 61.9774 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(237, 226, 194) }
```


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

```
.border{ border-color:rgb(237, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8590, 76.2923, 61.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 194) }
```

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

```
.background{ background-color: rgb(237,  
226, 194) }
```

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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