

Converting Colors

XYZ(73.0290, 77.7022, 60.0843)

Have a look what the booklet for
XYZ(73.0290, 77.7022, 60.0843)
contains.

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Color

**XYZ(72.9728, 77.7298,
59.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E4BE
RGB	240, 228, 190
RGB Percent	94%, 89%, 75%
CMY	0.0588, 0.1059, 0.2549
CMYK	0.00, 0.05, 0.21, 0.06
HSL	46°, 62%, 84%
HSV	46°, 21%, 94%
XYZ	72.9728, 77.7298, 59.8725
YIQ	227.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

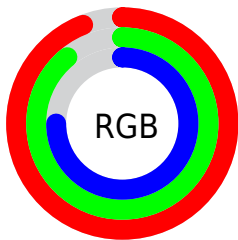
Format	Color
RYB	206, 240, 190
Decimal	15787198
CIELab	90.66, -1.89, 20.04
CIELCh	91, 20.127, 95.386
Yxy	77.7298, 0.3465, 0.3691
Android (android.graphics.Color)	4293977278 (0xFFFF0E4BE)
YUV	227.2560, -18.3672, 11.1765
Hunter-Lab	88.1645, -6.5454, 21.4513

Details

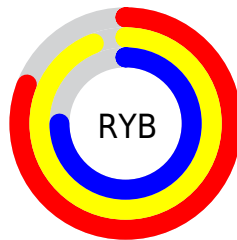
The XYZ color **72.9728, 77.7298, 59.8725** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.0835, 59.4779, 90.8574**, and the grayscale version is **73.3213, 77.1398, 84.0052**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.2261, 41.8836, 29.6838** is the 20% darker color. If you saturate the color by 10%, you get **69.0058, 73.6533, 46.6568**, and if you desaturate by 10%, it is **77.4287, 82.0915, 75.3840**.

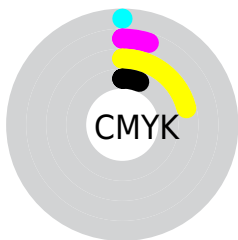
Distribution



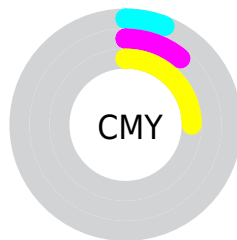
- Red (94%)
- Green (89%)
- Blue (75%)



- Red (81%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9728, 77.7298, 59.8725 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 72.9728, 77.7298, 59.8725 by changing the saturation by 10% instead.


 72.9728, 77.7298,
59.8725

 72.9728, 77.7298,
59.8725


460.0258,
487.2487, 441.9192

 54.2420, 57.8520,
42.8912


 122.4419,
130.1692, 106.1863

 39.0266, 41.6897,
29.4690


153.9110,
163.4995, 136.3558

 26.9613, 28.8584,
19.1873

190.3569,
202.0829, 171.7586

 17.6806, 18.9737,
11.6275

232.1449,
246.3037, 212.8131

 10.8192, 11.6513,
6.3711

279.6405,
296.5463, 259.9379

 6.0118, 6.5067,
2.9996

333.2089,

 2.8930, 3.1556,

353.1951, 313.5515

1.0944

393.2155,
416.6344, 374.0724

■ 1.0974, 1.2135,
0.0000

■ 0.0230, 0.0727,
0.0000

■ 72.9728, 77.7298,
59.8725

■ 72.9728, 77.7298,
59.8725

■ 69.0058, 73.6533,
46.6568

■ 77.4287, 82.0915,
75.3840

■ 65.4998, 69.8422,
35.6206

■ 82.3874, 86.7370,
93.2901

■ 62.4336, 66.2898,
26.6447

■ 86.7220, 91.2187,
107.6440

■ 59.7814, 62.9849,
19.5966

■ 88.4936, 94.7620,
108.2345

■ 57.5147, 59.9153,
14.3281

■ 89.7453, 97.2653,
108.6517

■ 55.6006, 57.0669,
10.6695

■ 54.0002, 54.4234,
8.4178

■ 52.7507, 52.1560,
7.2869

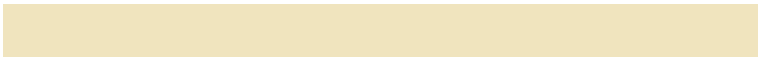
Harmonies

Analogous

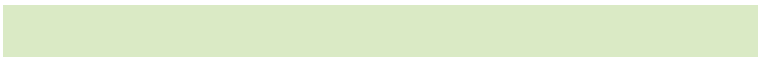
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9956, 77.7298, 61.8003



72.9728, 77.7298, 59.8725



68.4020, 77.7298, 63.9396

Triad

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



72.9728, 77.7298, 59.8725



66.2479, 77.7298, 101.7687



83.0574, 77.7298, 96.7450

Complementary

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



72.9728, 77.7298, 59.8725



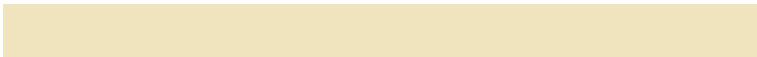
58.0835, 59.4779, 90.8574

Split Complementary

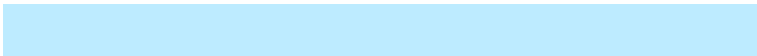
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6426, 77.7298, 109.3728



72.9728, 77.7298, 59.8725



69.9115, 77.7298, 112.4968

Square

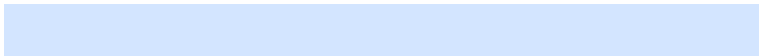
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9728, 77.7298, 59.8725



64.6342, 77.7298, 87.2698



74.7944, 77.7298, 115.4263



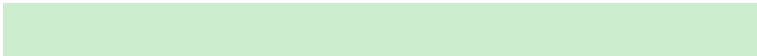
83.9677, 77.7298, 82.0528

Rectangle

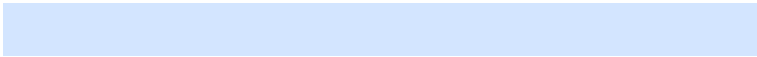
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9728, 77.7298, 59.8725



66.1782, 77.7298, 69.8096



74.7944, 77.7298, 115.4263



82.1570, 77.7298, 101.4225

Sweetspot

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



72.9748, 77.7333, 59.8741



91.5239, 96.7340, 96.0523



65.0693, 59.6411, 64.2713



19.5105, 20.6305, 20.2730



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.



72.9748, 77.7333, 59.8741



81.7454, 87.1803, 61.9536



72.2914, 82.4506, 60.8207



16.7829, 17.7789, 16.6968



28.9848, 28.7676, 4.0250



2.4874, 2.5455, 0.3602

Inverse Universe

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



58.0835, 59.4779, 90.8574



61.8011, 62.7334, 103.4592



58.6352, 55.7457, 90.1079



15.2051, 15.8444, 19.9785



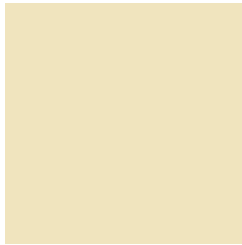
9.5122, 5.2486, 45.6396



0.8661, 0.5862, 3.8217

Previews

White Background



This preview shows how the XYZ color 72.9728, 77.7298, 59.8725 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 72.9728, 77.7298, 59.8725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

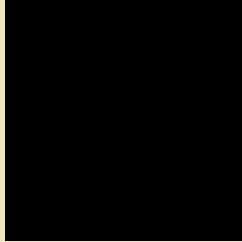
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

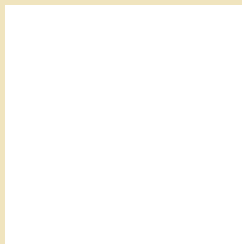
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9728, 77.7298, 59.8725

Background



This preview shows how black text looks on a background with the XYZ color 72.9728, 77.7298, 59.8725.



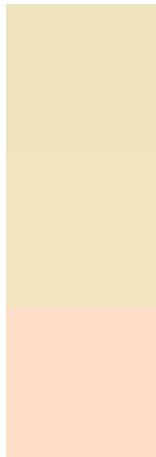
This preview shows how white text looks on a background with the XYZ color 72.9728, 77.7298,

59.8725.

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

72.9728, 77.7298, 59.8725

Protanopia

73.3133, 77.9053, 59.8884

Deuteranopia

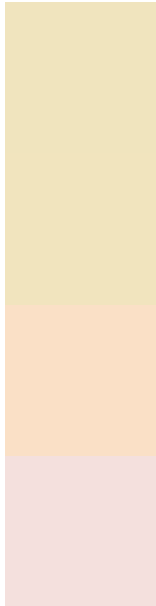
78.0219, 77.7668, 66.7754



Tritanopia

79.4425, 77.5377, 92.4406

Trichromacy



Original Color

72.9728, 77.7298, 59.8725

Protanomaly

73.3133, 77.9053, 59.8884

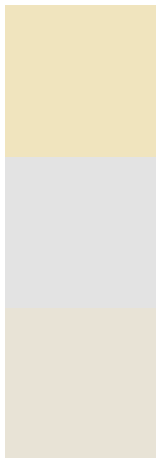
Deuteranomaly

76.2730, 77.7125, 64.4061

Tritanomaly

77.0150, 77.7649, 79.3576

Monochromacy



Original Color

72.9728, 77.7298, 59.8725

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8854, 76.9490, 74.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9728, 77.7298, 59.8725 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(240, 228, 190) looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 190)  
}
```

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(240, 228, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 190) }
```

Border

The CSS property to change the border of an element to XYZ 72.9728, 77.7298, 59.8725 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(240, 228, 190) }
```


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

```
.border{ border-color:rgb(240, 228, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 190);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9728, 77.7298, 59.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 190) }
```

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

```
.background{ background-color: rgb(240,  
228, 190) }
```

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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