

Converting Colors

XYZ(71.3927, 82.4900, 59.8729)

Have a look what the booklet for
XYZ(71.3927, 82.4900, 59.8729)
contains.

XYZ(71.2729, 82.3887, 59.7231)	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(71.2729, 82.3887,
59.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F1BC
RGB	224, 241, 188
RGB Percent	88%, 95%, 74%
CMY	0.1216, 0.0549, 0.2627
CMYK	0.07, 0.00, 0.22, 0.05
HSL	79°, 65%, 84%
HSV	79°, 22%, 95%
XYZ	71.2729, 82.3887, 59.7231
YIQ	229.8750, 6.8810, -20.0870

Conversions

Conversions Part 2

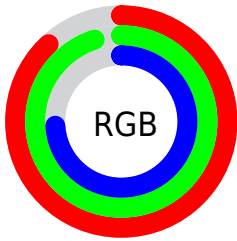
Format	Color
R_{YB}	188, 241, 205
Decimal	14741948
CIE _{Lab}	92.75, -14.48, 23.78
CIE _{LCh}	93, 27.839, 121.340
Yxy	82.3887, 0.3340, 0.3861
Android (android.graphics.Color)	4292932028 (0xFFE0F1BC)
YUV	229.8750, -20.6444, -5.1524
Hunter-Lab	90.7682, -18.6829, 24.5265

Details

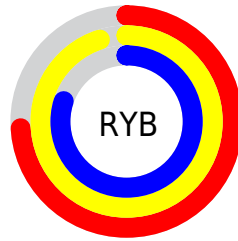
The XYZ color **71.2729, 82.3887, 59.7231** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.0404, 55.2987, 90.7855**, and the grayscale version is **75.2675, 79.1873, 86.2349**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.8005, 44.7440, 29.1984** is the 20% darker color. If you saturate the color by 10%, you get **66.5473, 80.2306, 47.0540**, and if you desaturate by 10%, it is **76.5457, 84.7837, 74.6858**.

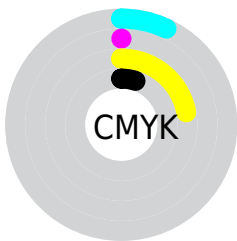
Distribution



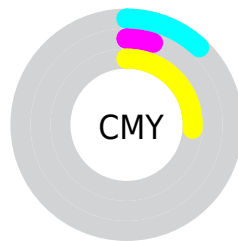
- Red (88%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2729, 82.3887, 59.7231 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 71.2729, 82.3887, 59.7231 by changing the saturation by 10% instead.

71.2729, 82.3887,
59.7231

71.2729, 82.3887,
59.7231

454.2039,
502.9469, 441.3526

52.8483, 61.6860,
42.7716

120.0386,
136.7190, 105.9673

37.9086, 44.7790,
29.3759

151.1104,
171.1153, 136.0972

26.0887, 31.2834,
19.1174

187.1287,
210.8449, 171.4569

17.0230, 20.8147,
11.5774

228.4587,
256.2923, 212.4650

10.3463, 12.9887,
6.3376

275.4659,
307.8418, 259.5402

5.6932, 7.4207,
2.9793

328.5156,

2.6983, 3.7266,

365.8778, 313.1008

1.0841

387.9731,
430.7847, 373.5654

■ 0.9963, 1.5218,
0.0000

■ 0.0000, 0.3040,
0.0000

■ 71.2729, 82.3887,
59.7231

■ 71.2729, 82.3887,
59.7231

■ 66.5473, 80.2306,
47.0540

■ 76.5457, 84.7837,
74.6858

■ 62.3396, 78.2894,
36.5598

■ 82.3806, 87.4136,
92.0424

■ 58.6269, 76.5584,
28.1191

■ 87.9342, 89.9439,
107.3340

■ 55.3822, 75.0267,
21.5964

■ 90.7208, 91.3805,
107.4644

■ 52.5751, 73.6819,
16.8401

■ 90.7470, 91.3939,
107.4657

■ 50.1708, 72.5101,
13.6756

■ 48.1280, 71.4943,
11.8927

■ 46.7020, 70.7730,
11.1991

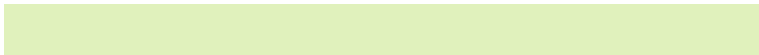
Harmonies

Analogous

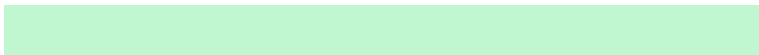
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9822, 82.3887, 55.3952



71.2729, 82.3887, 59.7231



66.6918, 82.3887, 71.8744

Triad

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



71.2729, 82.3887, 59.7231



71.8048, 82.3887, 129.5377



93.1015, 82.3887, 88.7763

Complementary

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



71.2729, 82.3887, 59.7231



59.0404, 55.2987, 90.7855

Split Complementary

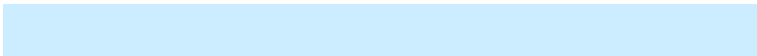
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2003, 82.3887, 110.2698



71.2729, 82.3887, 59.7231



78.6346, 82.3887, 135.8794

Square

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



71.2729, 82.3887, 59.7231



66.9853, 82.3887, 112.1370



85.7914, 82.3887, 128.3479



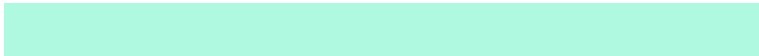
90.8397, 82.3887, 70.4876

Rectangle

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



71.2729, 82.3887, 59.7231



65.3084, 82.3887, 83.8238



85.7914, 82.3887, 128.3479



92.9274, 82.3887, 95.8598

Sweetspot

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



71.2751, 82.3923, 59.7249



90.2324, 97.8332, 94.3637



67.1352, 65.8933, 56.7584



19.2278, 20.9017, 19.9433



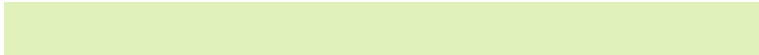
0.0000, 0.0000, 0.0000



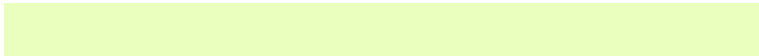
20.3446, 21.4041, 23.3091

Same Dimension

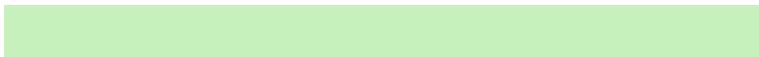
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2751, 82.3923, 59.7249



78.7557, 92.6278, 61.7016



63.7491, 78.5125, 59.3727



16.6012, 18.1901, 16.7858



25.4708, 38.4522, 6.0796



2.2221, 3.2521, 0.5106

Inverse Universe

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



59.0404, 55.2987, 90.7855



62.7531, 57.1836, 102.3378



66.9099, 59.3555, 91.1537



15.3747, 15.4749, 19.8982



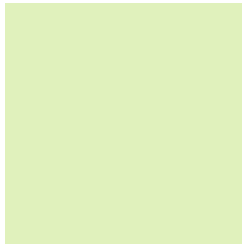
10.4077, 4.3708, 45.4230



0.9657, 0.4151, 3.7834

Previews

White Background



This preview shows how the XYZ color 71.2729, 82.3887, 59.7231 looks on a white background.

Color Contrast Check

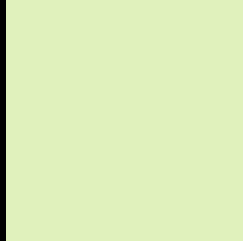
Large Text (above 18pt) WCAG AA × Fail

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 71.2729, 82.3887, 59.7231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

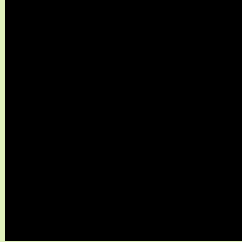
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

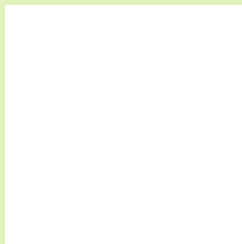
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2729, 82.3887, 59.7231

Background



This preview shows how black text looks on a background with the XYZ color 71.2729, 82.3887, 59.7231.



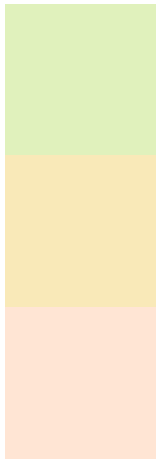
This preview shows how white text looks on a background with the XYZ color 71.2729, 82.3887,

59.7231.

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

71.2729, 82.3887, 59.7231

Protanopia

76.8576, 81.8783, 57.1007

Deuteranopia

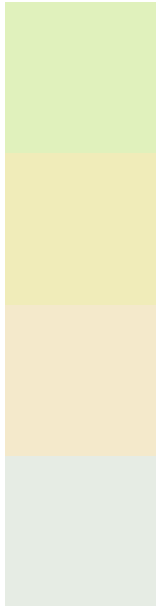
81.1430, 82.0521, 73.8483



Tritanopia

80.1558, 82.5665, 102.9791

Trichromacy



Original Color

71.2729, 82.3887, 59.7231

Protanomaly

74.6876, 82.0190, 57.7937

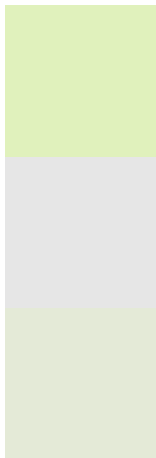
Deuteranomaly

77.2266, 81.8227, 68.2230

Tritanomaly

76.6322, 82.4153, 85.2676

Monochromacy



Original Color

71.2729, 82.3887, 59.7231

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.6835, 80.2459, 75.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2729, 82.3887, 59.7231 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(224, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 188)  
}
```

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(224, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.2729, 82.3887, 59.7231 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(224, 241, 188) }
```


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

```
.border{ border-color:rgb(224, 241, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 241, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2729, 82.3887, 59.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 188) }
```

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

```
.background{ background-color: rgb(224,  
241, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor