

Converting Colors

XYZ(60.7177, 73.4857, 59.6997)

Have a look what the booklet for
XYZ(60.7177, 73.4857, 59.6997)
contains.

XYZ(60.6813, 73.4649, 59.6971)	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(60.6813, 73.4649,
59.6971)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E9BE
RGB	194, 233, 190
RGB Percent	76%, 91%, 75%
CMY	0.2392, 0.0863, 0.2549
CMYK	0.17, 0.00, 0.18, 0.09
HSL	114°, 49%, 83%
HSV	114°, 18%, 91%
XYZ	60.6813, 73.4649, 59.6971
YIQ	216.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

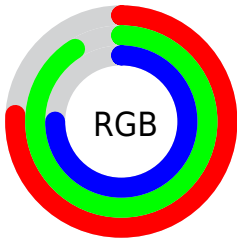
Format	Color
RYB	190, 233, 229
Decimal	12773822
CIELab	88.67, -20.62, 16.77
CIELCh	89, 26.583, 140.882
Yxy	73.4649, 0.3130, 0.3790
Android (android.graphics.Color)	4290963902 (0xFFC2E9BE)
YUV	216.4370, -13.0334, -19.6772
Hunter-Lab	85.7117, -23.6228, 18.7034

Details

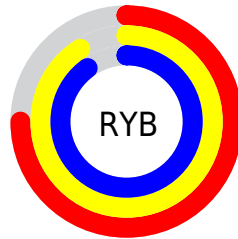
The XYZ color **60.6813, 73.4649, 59.6971** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4376, 59.3703, 85.1054**, and the grayscale version is **65.6607, 69.0802, 75.2284**.

A 20% lighter version of the original color is **92.1782, 98.6831, 101.3782**, and **31.0527, 38.8259, 29.5244** is the 20% darker color. If you saturate the color by 10%, you get **53.2921, 69.9289, 47.1035**, and if you desaturate by 10%, it is **69.2530, 77.5677, 74.4743**.

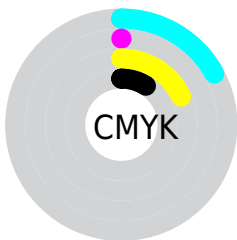
Distribution



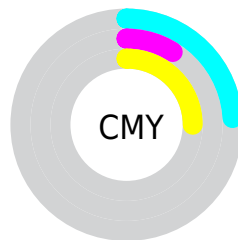
- Red (76%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6813, 73.4649, 59.6971 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 60.6813, 73.4649, 59.6971 by changing the saturation by 10% instead.

60.6813, 73.4649,
59.6971

60.6813, 73.4649,
59.6971

416.8991,
472.6245, 441.2540

44.2196, 54.3562,
42.7508

104.9181,
124.1370, 105.9292

31.0418, 38.8865,
29.3597

133.4238,
156.4691, 136.0521

20.7827, 26.6714,
19.1052

166.6750,
193.9779, 171.4044

13.0768, 17.3266,
11.5687

205.0369,
237.0476, 212.4045

7.5588, 10.4676,
6.3318

248.8749,
286.0628, 259.4709

3.8634, 5.7101,
2.9758


298.5544,


1.6251, 2.6696,


341.4077, 313.0223


1.0823


354.4407,
403.4668, 373.4771


 0.4087, 0.9618,
0.0000


 0.0000, 0.0000,
0.0000


 60.6813, 73.4649,
59.6971


 60.6813, 73.4649,
59.6971


 53.2921, 69.9289,
47.1035


 69.2530, 77.5677,
74.4743

 47.0278, 66.9258,
36.5855

 79.0498, 82.2509,
91.5266

 41.8349, 64.4327,
28.0331

 88.4304, 86.7608,
106.6935

 37.6529, 62.4210,
21.3243

■ 34.4157, 60.8594,
16.3236

■ 32.0488, 59.7131,
12.8768

■ 30.4667, 58.9418,
10.8019

■ 29.5593, 58.4945,
9.8359

■ 29.4640, 58.4476,
9.7286

Harmonies

Analogous

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



65.5185, 73.4649, 51.3010



60.6813, 73.4649, 59.6971



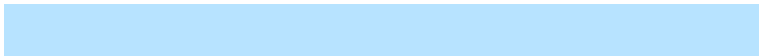
58.3347, 73.4649, 74.5187

Triad

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



60.6813, 73.4649, 59.6971



67.8884, 73.4649, 120.2147



82.0046, 73.4649, 68.0412

Complementary

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



60.6813, 73.4649, 59.6971



65.4376, 59.3703, 85.1054

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.



82.7356, 73.4649, 85.7244



60.6813, 73.4649, 59.6971



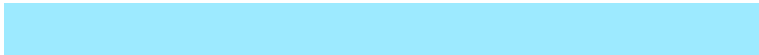
74.3186, 73.4649, 117.7713

Square

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



60.6813, 73.4649, 59.6971



62.3248, 73.4649, 110.6692



79.8466, 73.4649, 104.4298



77.9065, 73.4649, 55.5808

Rectangle

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



60.6813, 73.4649, 59.6971



58.3933, 73.4649, 86.8512



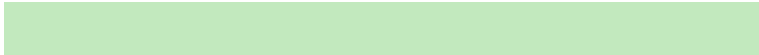
79.8466, 73.4649, 104.4298



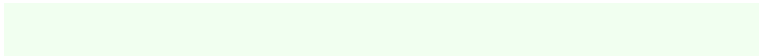
82.6617, 73.4649, 73.5015

Sweetspot

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



60.6833, 73.4680, 59.6987



87.7612, 96.5158, 96.2085



70.8382, 76.9177, 59.8293



18.6219, 20.5806, 20.3102



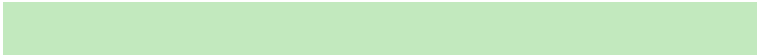
0.0000, 0.0000, 0.0000



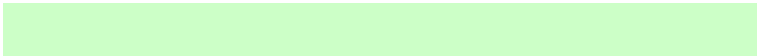
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6833, 73.4680, 59.6987



70.9911, 88.4928, 67.3112



61.6634, 73.7431, 70.1457



14.9982, 16.9291, 15.9959



16.7623, 33.1858, 5.5220



1.3607, 2.6288, 0.4357

Inverse Universe

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



65.4376, 59.3703, 85.1054



77.7970, 68.3048, 103.6915



64.3892, 59.1000, 72.8467



15.5687, 15.2384, 19.0430



23.6995, 11.2535, 44.6660



1.9013, 0.9045, 3.5092

Previews

White Background



This preview shows how the XYZ color 60.6813, 73.4649, 59.6971 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 60.6813, 73.4649, 59.6971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

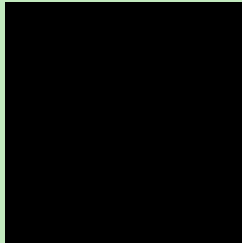
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

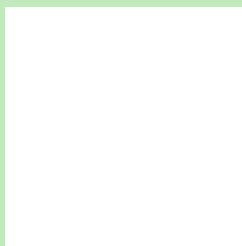
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6813, 73.4649, 59.6971

Background



This preview shows how black text looks on a background with the XYZ color 60.6813, 73.4649, 59.6971.

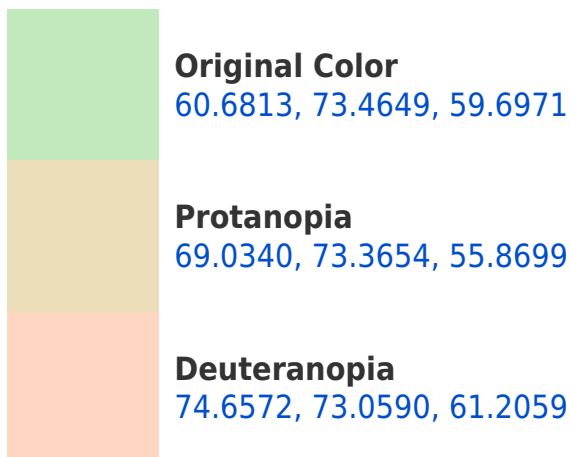


This preview shows how white text looks on a background with the XYZ color 60.6813, 73.4649,

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





Tritanopia

68.1541, 73.6209, 96.2061

Trichromacy



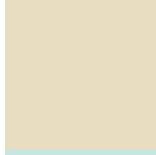
Original Color

60.6813, 73.4649, 59.6971



Protanomaly

65.5745, 73.1535, 57.1183



Deuteranomaly

68.7608, 72.7190, 60.8642



Tritanomaly

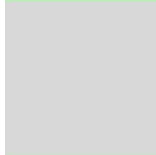
65.2933, 73.6998, 81.3052

Monochromacy



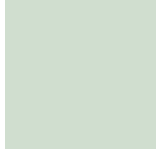
Original Color

60.6813, 73.4649, 59.6971



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.3962, 70.1574, 69.2319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6813, 73.4649, 59.6971 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(194, 233, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 233, 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(194, 233, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 233, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.6813, 73.4649, 59.6971 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(194, 233, 190) }
```


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

```
.border{ border-color:rgb(194, 233, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 233, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 233, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 233, 190); box-shadow:4px 4px 4px 4px rgb(194, 233, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6813, 73.4649, 59.6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 233, 190) }
```

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

```
.background{ background-color: rgb(194,  
233, 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](#).

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