

Converting Colors

XYZ(59.8635, 72.0387, 74.5451)

Have a look what the booklet for
XYZ(59.8635, 72.0387, 74.5451)
contains.

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Color

**XYZ(59.7696, 71.8306,
74.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E7D6
RGB	181, 231, 214
RGB Percent	71%, 91%, 84%
CMY	0.2902, 0.0941, 0.1608
CMYK	0.22, 0.00, 0.07, 0.09
HSL	160°, 51%, 81%
HSV	160°, 22%, 91%
XYZ	59.7696, 71.8306, 74.3328
YIQ	214.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

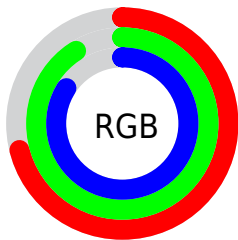
Format	Color
RYB	181, 211, 231
Decimal	11921366
CIELab	87.89, -19.42, 3.01
CIELCh	88, 19.652, 171.187
Yxy	71.8306, 0.2902, 0.3488
Android (android.graphics.Color)	4290111446 (0xFFB5E7D6)
YUV	214.1120, -0.0552, -29.0392
Hunter-Lab	84.7529, -22.4356, 7.3266

Details

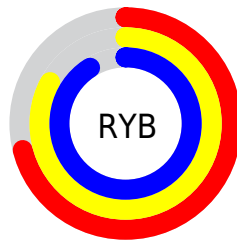
The XYZ color **59.7696, 71.8306, 74.3328** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.6745, 54.1159, 60.7295**, and the grayscale version is **64.0056, 67.3389, 73.3321**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.3404, 37.6752, 38.4738** is the 20% darker color. If you saturate the color by 10%, you get **53.8169, 68.8769, 68.9440**, and if you desaturate by 10%, it is **66.6729, 75.2726, 80.0217**.

Distribution



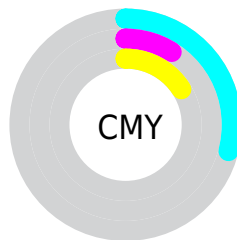
- Red (71%)
- Green (91%)
- Blue (84%)



- Red (71%)
- Yellow (83%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7696, 71.8306, 74.3328 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 59.7696, 71.8306, 74.3328 by changing the saturation by 10% instead.

■ 59.7696, 71.8306,
74.3328

■ 59.7696, 71.8306,
74.3328

413.5964,
466.9518, 494.8153

■ 43.4817, 53.0203,
54.5680

■ 103.6036,
121.8157, 127.1059

■ 30.4594, 37.8190,
38.6597

131.8805,
153.7592, 160.9512

■ 20.3374, 25.8422,
26.1893

164.8843,
190.8493, 200.3272

■ 12.7502, 16.7056,
16.7383

202.9805,
233.4703, 245.6524

■ 7.3326, 10.0248,
9.8881

246.5345,
282.0067, 297.3452

■ 3.7191, 5.4154,
5.2202


295.9116,

■ 1.5445, 2.4930,


336.8428, 355.8243


2.3160


351.4771,
398.3630, 421.5081


 0.3558, 0.8731,
0.7402


 0.0000, 0.0000,
0.0000


 59.7696, 71.8306,
74.3328


 59.7696, 71.8306,
74.3328


 53.8169, 68.8769,
68.9440


 66.6729, 75.2726,
80.0217


 48.7636, 66.3795,
63.8449


 74.5624, 79.2154,
86.0113


 44.5633, 64.3164,
59.0311


 83.4796, 83.6822,
92.3083


 41.1625, 62.6600,
54.4965


 86.3632, 85.0328,
98.5858


 38.5014, 61.3798,
50.2347

 87.5911, 85.5240,
105.0517

 36.5116, 60.4404,
46.2384

 87.8672, 85.6344,
106.5057

 35.1110, 59.7996,
42.4999

 34.2819, 59.4363,
39.5662

Harmonies

Analogous

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



61.5054, 71.8306, 63.1596



59.7696, 71.8306, 74.3328



60.2297, 71.8306, 87.8891

Triad

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



59.7696, 71.8306, 74.3328



71.5733, 71.8306, 104.7546



74.0635, 71.8306, 59.8179

Complementary

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



59.7696, 71.8306, 74.3328



59.6745, 54.1159, 60.7295

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.



77.0020, 71.8306, 69.2714



59.7696, 71.8306, 74.3328



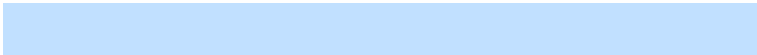
75.5193, 71.8306, 95.4824

Square

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



59.7696, 71.8306, 74.3328



66.9048, 71.8306, 106.5093



77.5466, 71.8306, 82.2224



69.6594, 71.8306, 55.4299

Rectangle

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



59.7696, 71.8306, 74.3328



61.7289, 71.8306, 96.4184



77.5466, 71.8306, 82.2224



75.2636, 71.8306, 62.4540

Sweetspot

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



59.7716, 71.8336, 74.3344



88.8170, 96.8822, 104.2949



60.3395, 72.5650, 54.5435



18.8712, 20.6672, 22.2179



0.0000, 0.0000, 0.0000



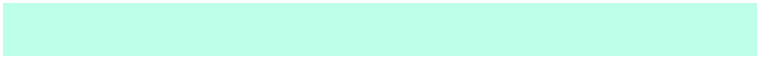
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7716, 71.8336, 74.3344



71.3022, 88.1526, 89.9404



60.0037, 68.6390, 85.6909



14.5883, 16.2487, 17.3625



19.2783, 33.3434, 22.4978



1.4676, 2.4812, 1.8892

Inverse Universe

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



59.6745, 54.1159, 60.7295



71.1617, 62.2417, 70.0523



59.3880, 56.5076, 51.4943



14.5782, 14.4485, 15.9793



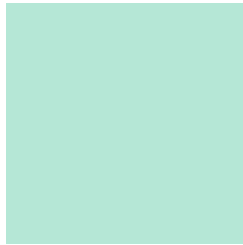
19.3092, 9.8579, 5.2574



1.4691, 0.7454, 0.6109

Previews

White Background



This preview shows how the XYZ color 59.7696, 71.8306, 74.3328 looks on a white background.

Color Contrast Check

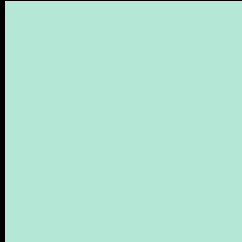
Large Text (above 18pt) WCAG AA × Fail

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 59.7696, 71.8306, 74.3328 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

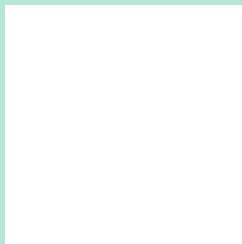
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7696, 71.8306, 74.3328

Background



This preview shows how black text looks on a background with the XYZ color 59.7696, 71.8306, 74.3328.

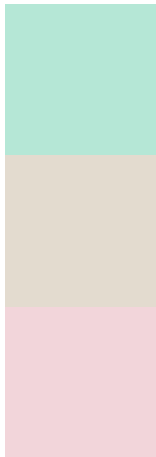


This preview shows how white text looks on a background with the XYZ color 59.7696, 71.8306,

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

59.7696, 71.8306, 74.3328

Protanopia

68.2726, 71.4989, 69.2338

Deuteranopia

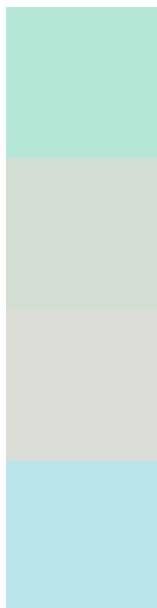
73.0671, 71.5277, 76.2848



Tritanopia

64.1713, 71.5501, 96.8146

Trichromacy



Original Color

59.7696, 71.8306, 74.3328

Protanomaly

64.5989, 71.1301, 71.2975

Deuteranomaly

67.6328, 71.4118, 75.8649

Tritanomaly

62.6023, 71.7416, 88.3899

Monochromacy



Original Color

59.7696, 71.8306, 74.3328

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.0879, 68.5980, 73.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7696, 71.8306, 74.3328 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(181, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(181, 231, 214)  
}
```

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(181, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 231, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.7696, 71.8306, 74.3328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

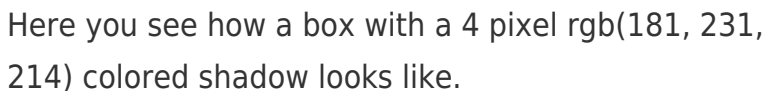
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 231, 214) }
```


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

```
.border{ border-color:rgb(181, 231, 214) }
```

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



Here you see how a box with a 4 pixel rgb(181, 231, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(181, 231,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7696, 71.8306, 74.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 231, 214) }
```

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

```
.background{ background-color: rgb(181,  
231, 214) }
```

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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