

Converting Colors

XYZ(62.9828, 74.1559, 83.9556)

Have a look what the booklet for
XYZ(62.9828, 74.1559, 83.9556)
contains.

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Color

**XYZ(63.0116, 74.1382,
83.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E9E3
RGB	185, 233, 227
RGB Percent	73%, 91%, 89%
CMY	0.2745, 0.0863, 0.1098
CMYK	0.21, 0.00, 0.03, 0.09
HSL	172°, 52%, 82%
HSV	172°, 21%, 91%
XYZ	63.0116, 74.1382, 83.6621
YIQ	217.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

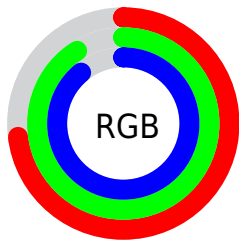
Format	Color
RYB	185, 211, 233
Decimal	12184035
CIELab	88.99, -16.56, -2.17
CIElCh	89, 16.698, 187.467
Yxy	74.1382, 0.2854, 0.3358
Android (android.graphics.Color)	4290374115 (0xFFB9E9E3)
YUV	217.9640, 4.4547, -28.9094
Hunter-Lab	86.1035, -20.0528, 2.6636

Details

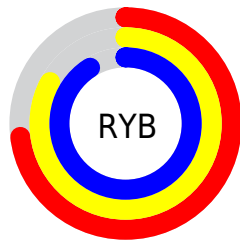
The XYZ color **63.0116, 74.1382, 83.6621** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3598, 55.7851, 56.8795**, and the grayscale version is **66.6009, 70.0693, 76.3055**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **32.5286, 39.2481, 44.8909** is the 20% darker color. If you saturate the color by 10%, you get **57.4465, 71.3173, 81.3213**, and if you desaturate by 10%, it is **69.5089, 77.4428, 86.0852**.

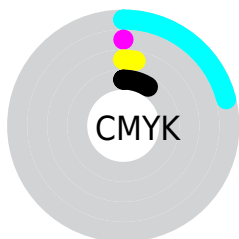
Distribution



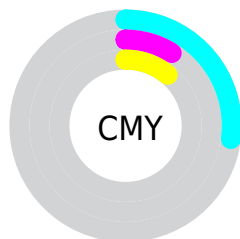
- Red (73%)
- Green (91%)
- Blue (89%)



- Red (73%)
- Yellow (83%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0116, 74.1382, 83.6621 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 63.0116, 74.1382, 83.6621 by changing the saturation by 10% instead.

63.0116, 74.1382,
83.6621

63.0116, 74.1382,
83.6621

425.2706,
474.9502, 527.2192

46.1093, 54.9072,
62.1927

108.2680,
125.0917, 140.3599

32.5370, 39.3274,
44.7516

137.3527,
157.5829, 176.4254

21.9296, 27.0145,
30.9203

171.2290,
195.2630, 218.1934

13.9215, 17.5841,
20.2802

210.2621,
238.5164, 266.0824

8.1474, 10.6518,
12.4128

254.8175,
287.7274, 320.5109

4.2420, 5.8332,
6.8995


305.2605,


1.8399, 2.7439,


343.2804, 381.8975


3.3219


361.9564,
405.5599, 450.6608


 0.5416, 0.9996,
1.2612


 0.0000, 0.0000,
0.0297


 63.0116, 74.1382,
83.6621


 63.0116, 74.1382,
83.6621


 57.4465, 71.3173,
81.3213


 69.5089, 77.4428,
86.0852


 52.7623, 68.9478,
79.0555


 76.9739, 81.2435,
88.5878


 48.9127, 67.0078,
76.8640


 85.4479, 85.5635,
91.1734


 45.8442, 65.4697,
74.7440


 85.9097, 85.7523,
93.4201

 43.4974, 64.3028,
72.6926


 86.3430, 85.9256,
95.7017

 41.8041, 63.4721,
70.7065


 86.7832, 86.1017,
98.0201

 40.6831, 62.9356,
68.7817

 87.2305, 86.2806,
100.3753

 40.0232, 62.6337,
67.0223

 87.6847, 86.4623,
102.7675

 88.1461, 86.6469,
105.1969

Harmonies

Analogous

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



63.5042, 74.1382, 72.4624



63.0116, 74.1382, 83.6621



64.4547, 74.1382, 95.0898

Triad

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



63.0116, 74.1382, 83.6621



75.3184, 74.1382, 99.7843



73.4977, 74.1382, 61.7982

Complementary

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



63.0116, 74.1382, 83.6621



60.3598, 55.7851, 56.8795

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.



76.8402, 74.1382, 67.8830



63.0116, 74.1382, 83.6621



77.9192, 74.1382, 89.5906

Square

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



63.0116, 74.1382, 83.6621



71.4847, 74.1382, 104.9612



78.4866, 74.1382, 77.8553



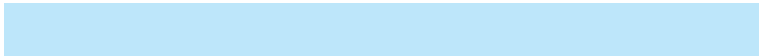
69.4573, 74.1382, 60.5383

Rectangle

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



63.0116, 74.1382, 83.6621



66.3540, 74.1382, 101.0604



78.4866, 74.1382, 77.8553



74.7447, 74.1382, 63.3168

Sweetspot

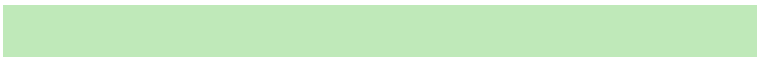
The Sweet Spot groups the original color and five complimentary colors.



63.0137, 74.1412, 83.6638



89.3368, 97.0902, 107.0326



59.4847, 72.9120, 56.8384



18.9944, 20.7164, 22.8663



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.



63.0137, 74.1412, 83.6638



74.1015, 89.3459, 101.3579



59.1202, 65.0048, 86.5256



15.4319, 17.0876, 18.9570



22.7408, 35.5508, 38.1957



1.8085, 2.8007, 3.1191

Inverse Universe

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



60.3598, 55.7851, 56.8795



70.2600, 62.7646, 62.5800



63.6253, 63.3520, 54.7748



15.1421, 15.0847, 16.0337



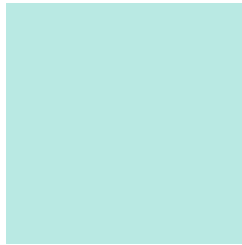
19.2189, 9.8902, 1.6880



1.5340, 0.7866, 0.2633

Previews

White Background



This preview shows how the XYZ color 63.0116, 74.1382, 83.6621 looks on a white background.

Color Contrast Check

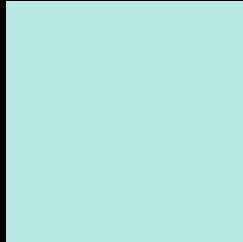
Large Text (above 18pt) WCAG AA × Fail

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 63.0116, 74.1382, 83.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

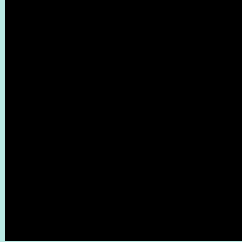
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

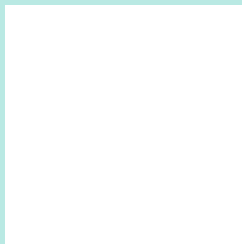
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0116, 74.1382, 83.6621

Background



This preview shows how black text looks on a background with the XYZ color 63.0116, 74.1382, 83.6621.

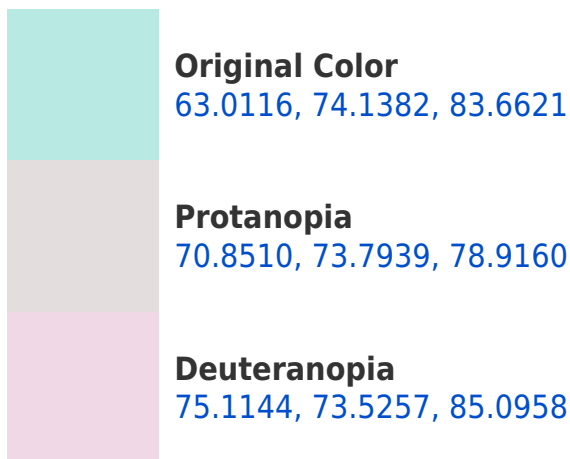


This preview shows how white text looks on a background with the XYZ color 63.0116, 74.1382,

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

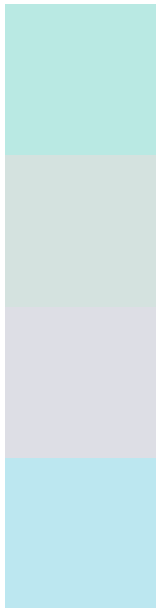




Tritanopia

66.2264, 74.1898, 99.6365

Trichromacy



Original Color

63.0116, 74.1382, 83.6621

Protanomaly

67.6670, 73.7175, 80.4745

Deuteranomaly

70.0829, 73.2718, 84.5779

Tritanomaly

65.0431, 74.1345, 93.3193

Monochromacy



Original Color

63.0116, 74.1382, 83.6621

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.8924, 71.1176, 78.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0116, 74.1382, 83.6621 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(185, 233, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 227)  
}
```

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(185, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.0116, 74.1382, 83.6621 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(185, 233, 227) }
```


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

```
.border{ border-color:rgb(185, 233, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 233, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0116, 74.1382, 83.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 227) }
```

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

```
.background{ background-color: rgb(185,  
233, 227) }
```

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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