

Converting Colors

XYZ(58.7994, 69.3736, 73.8722)

Have a look what the booklet for
XYZ(58.7994, 69.3736, 73.8722)
contains.

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Color

**XYZ(58.8624, 69.3150,
73.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E2D6
RGB	183, 226, 214
RGB Percent	72%, 89%, 84%
CMY	0.2823, 0.1137, 0.1608
CMYK	0.19, 0.00, 0.05, 0.11
HSL	163°, 43%, 80%
HSV	163°, 19%, 89%
XYZ	58.8624, 69.3150, 73.8951
YIQ	211.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

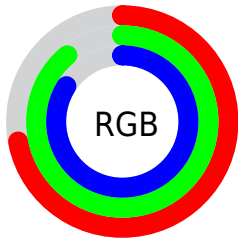
Format	Color
RYB	183, 208, 226
Decimal	12051158
CIELab	86.66, -16.31, 1.24
CIELCh	87, 16.356, 175.646
Yxy	69.3150, 0.2913, 0.3430
Android (android.graphics.Color)	4290241238 (0xFFB7E2D6)
YUV	211.7750, 1.0969, -25.2357
Hunter-Lab	83.2556, -19.4964, 5.6550

Details

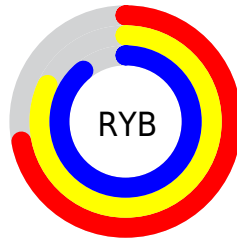
The XYZ color **58.8624, 69.3150, 73.8951** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1503, 53.9777, 58.9866**, and the grayscale version is **62.4348, 65.6863, 71.5323**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.8742, 36.2962, 38.2322** is the 20% darker color. If you saturate the color by 10%, you get **53.1227, 66.4492, 69.5030**, and if you desaturate by 10%, it is **65.5004, 72.6440, 78.4950**.

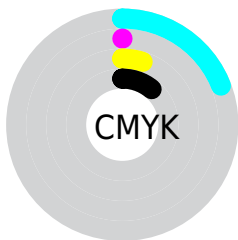
Distribution



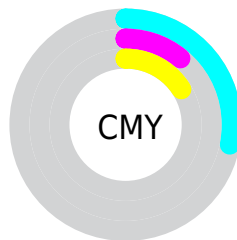
- Red (72%)
- Green (89%)
- Blue (84%)



- Red (72%)
- Yellow (82%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (28%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8624, 69.3150, 73.8951 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 58.8624, 69.3150, 73.8951 by changing the saturation by 10% instead.


 58.8624, 69.3150,
73.8951

 58.8624, 69.3150,
73.8951


410.2941,
458.1412, 493.2650

 42.7483, 50.9683,
54.2119


 102.2934,
118.2314, 126.4798

 29.8813, 36.1834,
38.3768


130.3411,
149.5698, 160.2183

 19.8962, 24.5759,
25.9712


163.0973,
186.0077, 199.4791

 12.4274, 15.7613,
16.5765

200.9274,
227.9293, 244.6806

 7.1097, 9.3554,
9.7742

244.1967,
275.7190, 296.2414

 3.5778, 4.9737,
5.1459

293.2707,

 1.4662, 2.2319,

329.7613, 354.5800

2.2729

348.5147,
390.4406, 420.1151

■ 0.3026, 0.7373,
0.7160

■ 0.0000, 0.0000,
0.0000

■ 58.8624, 69.3150,
73.8951

■ 58.8624, 69.3150,
73.8951

■ 53.1227, 66.4492,
69.5030

■ 65.5004, 72.6440,
78.4950

■ 48.2340, 64.0167,
65.3104

■ 73.0695, 76.4474,
83.3017

■ 44.1533, 61.9973,
61.3149

■ 81.6080, 80.7470,
88.3203

■ 40.8316, 60.3656,
57.5122

■ 84.0523, 81.9011,
93.2218

■ 38.2145, 59.0938,
53.8979

■ 85.0021, 82.2810,
98.2233

■ 36.2399, 58.1497,
50.4672

■ 85.9847, 82.6741,
103.3978

■ 34.8345, 57.4957,
47.2145

■ 86.4876, 82.8752,
106.0459

■ 33.8841, 57.0730,
44.1327

■ 33.8015, 57.0368,
43.8413

Harmonies

Analogous

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



60.0326, 69.3150, 64.2704



58.8624, 69.3150, 73.8951



59.5129, 69.3150, 84.8951

Triad

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



58.8624, 69.3150, 73.8951



69.0947, 69.3150, 95.9488



70.0910, 69.3150, 59.4831

Complementary

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



58.8624, 69.3150, 73.8951



58.1503, 53.9777, 58.9866

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.



72.6897, 69.3150, 66.7738



58.8624, 69.3150, 73.8951



72.0991, 69.3150, 87.9054

Square

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



58.8624, 69.3150, 73.8951



65.3288, 69.3150, 98.3162



73.4382, 69.3150, 77.0717



66.4380, 69.3150, 56.4729

Rectangle

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



58.8624, 69.3150, 73.8951



60.9054, 69.3150, 91.4433



73.4382, 69.3150, 77.0717



71.1222, 69.3150, 61.4783

Sweetspot

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



58.8644, 69.3179, 73.8967



88.9634, 96.9408, 105.0659



58.2989, 69.4411, 55.1317



18.9059, 20.6810, 22.4004



0.0000, 0.0000, 0.0000



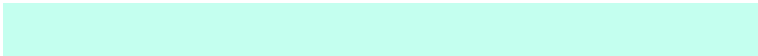
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8644, 69.3179, 73.8967



74.1414, 89.5129, 94.7447



57.9894, 65.0235, 81.4492



13.9448, 15.5037, 16.7448



19.3358, 32.5592, 25.2890



1.3777, 2.2718, 1.9503

Inverse Universe

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



58.1503, 53.9777, 58.9866



73.0338, 65.6879, 71.5947



58.8328, 57.4281, 52.7848



13.8637, 13.7631, 15.0523



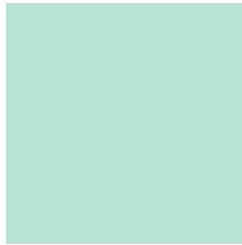
18.4499, 9.4470, 3.7691



1.3163, 0.6698, 0.4586

Previews

White Background



This preview shows how the XYZ color 58.8624, 69.3150, 73.8951 looks on a white background.

Color Contrast Check

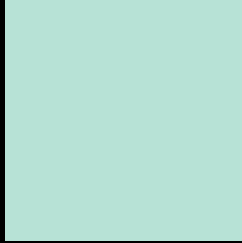
Large Text (above 18pt) WCAG AA × Fail

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 58.8624, 69.3150, 73.8951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

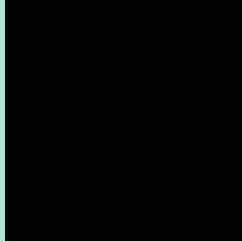
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

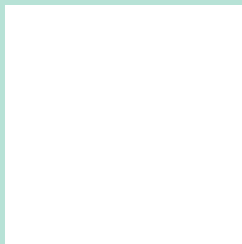
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8624, 69.3150, 73.8951

Background



This preview shows how black text looks on a background with the XYZ color 58.8624, 69.3150, 73.8951.

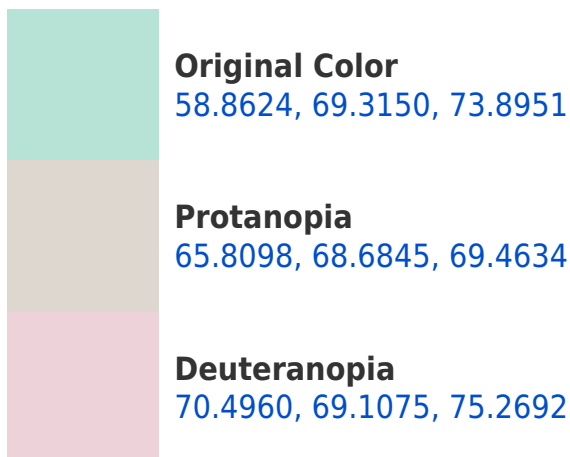


This preview shows how white text looks on a background with the XYZ color 58.8624, 69.3150,

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

62.5885, 69.2252, 92.5011

Trichromacy



Original Color

58.8624, 69.3150, 73.8951

Protanomaly

62.9768, 68.7261, 70.9190

Deuteranomaly

65.5658, 68.8213, 74.7939

Tritanomaly

61.0612, 68.9840, 85.6983

Monochromacy



Original Color

58.8624, 69.3150, 73.8951

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.9105, 66.8473, 72.6433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8624, 69.3150, 73.8951 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(183, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 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(183, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.8624, 69.3150, 73.8951 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(183, 226, 214) }
```


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

```
.border{ border-color:rgb(183, 226, 214) }
```

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

Here you see how a box with a 4 pixel rgb(183, 226, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8624, 69.3150, 73.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 214) }
```

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

```
.background{ background-color: rgb(183,  
226, 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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